

**TABLE 1**  
**List of Documents Relating to the Del Amo Soil and NAPL OU**

YEAR	AUTHOR	REPORT TITLE	DATE	LOCATION	PURPOSE/TOPIC OF REPORT
1988	ENSR Consulting	Soil Vapor Survey and Soil Boring Investigations at the property located at 20221 Hamilton, Torrance, CA	8/11/1988	20221 Hamilton Ave, Torrance, CA	Assessed the potential environmental liabilities associated with past site activities.
1988	US Technical Environmental Consulting	Subsurface Investigation, Proposed Coca Cola Distribution Facility -Carson, CA	11/12/1988	Coca Cola Property Proposed Distribution Center 19875 Pacific Gateway Drive, Carson, CA	Investigation of non-volatile petroleum hydrocarbons and polycyclic aromatic hydrocarbons found in the shallow soils on the site.
1989	Riedel Environmental	Environmental Investigation for 20221 Hamilton Avenue, for Andrex Development Company	3/22/1989	Hamilton Dutch Investors 20221 Hamilton Ave., Torrance, CA 90502	Presents results of an environmental investigation concluded on subject site.
1989	US Environmental Protection Agency	Aerial Photographic Analysis of the Del Amo Site, Torrance, California	5/1/1989	Del Amo study area	Historical analysis of the Del Amo study area. Contains interpretations of former site features based upon 9 selected black and white aerial photographs acquired over a 32 year period (1941 - 1972)
1989	ENSR Consulting	Amoco Chemical Company - Polystyrene Facility Draft Environmental Assessment Sampling and Analysis Report	7/1/1989	Amoco Chemical Company 1225 West 196th Street, Torrance, CA	Characterized the nature and extent of volatile organic compounds in soils in Tank Area 1 and Tank Area 2.
1989	Converse Environmental	Draft Site Investigation and Remediation Report and Request for Closure - Pacific Bell Telephone Maintenance Facility	11/21/1989	Pacific Bell Telephone Maintenance Facility 19310 Pacific Gateway Drive, Los Angeles, CA	Summary of site investigation and remediation activities conducted to request closure for subject property.
1989	U.S. Technical Environmental Consulting, Inc.	Subsurface Investigation Proposed Coca Cola Distribution Facility - Carson, CA.	12/11/1989	Coca Cola Distribution Facility	Presents the results of laboratory analyses for semivolatile organic compounds in soil samples collected on the property.
1989	Converse Environmental	Preliminary Environmental Site Assessment, Pacific Bell	12/28/1989	Pacific Bell 19310 Pacific Gateway Dr., Torrance, CA	Presents findings of a preliminary environmental site assessment to identify and evaluate areas of potential environmental concern on or near the subject property.
1990	CKY Environmental	Laboratory Report for Samples received on 1/15/90, for Riedel Environmental	1/17/1990	Hamilton Dutch Investors 20221 Hamilton Ave., Torrance, CA 90502	Laboratory data for groundwater and soil samples received on 1/15/90.

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1990	Engineering Enterprises	Report of Additional Subsurface Assessment and Groundwater Sampling Amoco Chemical Facility, Torrance	5/29/1990	Amoco Chemical Company 1225 West 196th Street, Torrance, CA	Evaluation of the vertical extent of styrene in soil and volatile organic compounds in groundwater samples collected from existing onsite monitoring wells.
1990	Engineering Enterprises, Inc.	Report of Additional Subsurface Assessment and Groundwater Sampling Amoco Chemical Facility, Torrance.	5/29/1990	Amoco Chemical Facility	Presents the results of laboratory analyses for volatile organic compounds in soil and groundwater samples collected at the property.
1990	Optimal Technology Inc.	Soil Gas Results for Study Conducted at 20101 Hamilton St. in the City of Harbor City, California on May 18 and 30, 1990 for HydroSearch	6/7/1990	20101 Hamilton Street	Presents results of soil gas investigation performed to assess the potential presence of vapor phase hydrocarbon compounds in shallow subsurface soils.
1990	Converse Environmental	Expanded Review of Site Specific Historical Data, Pacific Bell, LA	7/24/1990	Pacific Bell Facility 19310 Pacific Gateway Drive, Los Angeles, CA	Presents results of a preliminary site assessment including subsurface drilling, sampling and laboratory testing to evaluate potential soil contamination at the site and identify areas of potential environmental concern on or near the site.
1990	IT Corporation	Phase II Environmental Assessment Report, IT Corporation, for Pacific Bell	10/5/1990	Pacific Bell 19310 Pacific Gateway Drive, Los Angeles, CA	Presents findings of visual inspection of the site and surrounding area, results of laboratory analyses on soil and groundwater samples collected from the site and information obtained from aerial photographs and file review.
1990	Levine-Fricke	Preliminary Subsurface Investigation - Harbor Technology	12/21/1990	Harbor Technology Center 20280, 20300 Vermont Ave., Torrance, CA	Evaluation of soil and groundwater conditions in the northeast corner of the property, in the vicinity of previously reported occurrences of hydrocarbons in soils.
1991	Simon Environmental Engineering	Report of Groundwater Sampling and Analysis, Amoco Chemical Company	1/21/1991	Amoco Chemical Facility 1225 West 196th Street, Torrance, CA	Presents findings of volatile and semi-volatile organic compounds detected in groundwater samples collected from onsite monitoring wells.

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1991	Hydro-Search Inc.	Site Characterization Report, Torrance, CA. Two volumes.	2/20/1991	Hamilton Dutch Investors Harbor Gateway Center 20221 Hamilton Ave., Torrance, CA1991	Assessed the distribution of regulated hydrocarbon compounds in soil near the northwest corner of Lot 62, presents an evaluation of local geology & hydrology, assesses the distribution of hydrocarbon compounds in shallow groundwater and identifies potential sources of benzene and other hydrocarbon compounds.
1991	McLaren/Hart	Site Investigation Part A at HDI Lot 62 Harbor City, CA. for Augustini and Wheeler	3/7/1991	Hamilton Dutch Investors 20221 Hamilton Ave., Harbor City, CA	Presents results of site investigation to assess the extent of benzene contamination in the soil and groundwater at Lot 62.
1992	Dames & Moore	Detailed Work Plan for Submission with Good Faith Offer to Conduct Remedial Investigation Feasibility Study and Focused FS-Del Amo Site Los Angeles, CA-Dames & Moore. Job #17214-004-042	1/28/1992	Del Amo Site	Outline for initial RI/FS work plan to be prepared for the Del Amo site and to be submitted with the Good Faith Offer to comply with the AOC.
1992	Dames & Moore	Work Plan, Focused Investigation, Nature and Extent of Non-Aqueous Phase Liquid (NAPL), Monitoring Well MW-20, Del Amo Site, CA	8/12/1992	Monitoring Well MW-20, former styrene plant, Del Amo study area	Work plan for a focused investigation to evaluate the lateral and vertical distribution, chemical and physical nature, and potential sources of the benzene NAPL present in Monitoring Well MW-20.
1992	Dames & Moore	RI/FS Work Plan Del Amo Site - Dames & Moore.	10/26/1992	Del Amo Site	Draft RI/FS Work Plan for the Del Amo Site to be submitted under the AOC.
1993	Dames & Moore	Addendum Remedial Investigation/Feasibility Study Work Plan Del Amo Site	2/22/1993	Del Amo study area	Outlines additional investigative elements to be conducted in conjunction with those described in the 2/25/93 RI/FS Work Plan for the Del Amo study area.

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YEAR	AUTHOR	REPORT TITLE	DATE	LOCATION	PURPOSE/TOPIC OF REPORT
1993	Dames & Moore	Remedial Investigation/Feasibility Study, Work Plan, for Shell Oil and the Dow Chemical Company	2/25/1993	Del Amo study area	Work plan describing goals and objectives and investigative scope of RI/FS to be conducted at the Del Amo study area under Consent Order from the U.S. EPA. Document includes a summary of former site features, site history and previous environmental investigations performed in the area.
1993	Health Science Associates	1st Quarter Report of Workplace Air Sampling for the Coca-Cola Distribution Center.	3/2/1993	Coca Cola Distribution Center 19875 Pacific Gateway, Torrance, CA	Presents results of 1st Quarter workspace air sampling conducted in Coca-Cola facility to evaluate the potential for unacceptable worker exposure to volatile compounds detected previously in shallow soil gas in proximity to the structure.
1993	Dames & Moore	Focused Investigation, Nature and Extent of Non-Aqueous Phase Liquid (NAPL) Monitoring Well MW 20	3/5/1993	Monitoring Well MW 20, former styrene plant, Del Amo study area.	Presents findings of investigations to characterize the MW 20 NAPL accumulation and provide data to assist in possible NAPL recovery.
1993	Dames & Moore	Addendum - Remedial Investigation / Feasibility Study Work Plan - Del Amo Site - For Shell and Dow Chem. Companies.	3/22/1993	Del Amo Site	Addendum work plan for supplemental RI/FS work to be performed under the AOC.
1993	Dames & Moore	Treatability Study Work Plan - non-Aqueous Phase Liquid (NAPL) Monitoring Well MW-20 Del Amo, For Shell Oil and Dow Chemical.	5/1/1993	MW-20	Treatability study work plan for the MW-20 NAPL area located on the Coca-Cola property on the Del Amo site.
1993	Health Science Associates	2nd Quarter Workplace Air Sampling Coca Cola Distribution Center for Dames & Moore.	5/25/1993	Coca Cola Distribution Center	Presents the results of indoor air monitoring in the existing building on the Coca-Cola property on the Del Amo site.
1993	Dames & Moore	Draft MW-20 NAPL Treatability Study Evaluation Report Del Amo Study Area, California.	6/7/1993	MW-20	Revised draft of treatability study work plan for the MW-20 NAPL area on the Del Amo site.
1993	Dames & Moore	Addendum Draft MW-20 NAPL Treatability Study Evaluation Report Del Amo Study Area.	6/28/1993	MW-20	Addendum work plan for the above treatability study work plan.

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YEAR	AUTHOR	REPORT TITLE	DATE	LOCATION	PURPOSE/TOPIC OF REPORT
1993	Dames & Moore	Draft Addendum No. 2 to RI/RS Work Plan for Shell Oil Company, Dames & Moore.	7/9/1993	Del Amo Site	Addendum number 2 for the above treatability study work plan.
1993	Health Science Associates	2nd Quarter Workplace Air Sampling for the Coca Cola Distribution Center	7/29/1993	Coca Cola Distribution Center 19875 Pacific Gateway, Torrance, CA	Presents results of 2nd Quarter workspace air sampling conducted in Coca-Cola facility to evaluate the potential for unacceptable worker exposure to volatile compounds detected previously in shallow soil gas in proximity to the structure.
1993	Dames & Moore	Draft Work Plan Phase I Pilot Program MW-20 NAPL Recovery and Disposition for Shell Oil by Dames & Moore.	8/30/1993	MW-20	
1993	Dames & Moore	Phase I Remedial Investigation Report, Del Amo Study Area, Volumes I - V	10/29/1993	Del Amo study area	Reports findings of Phase I site characterization investigations throughout Del Amo study area, including analytical results for soil, soil gas and groundwater
1993	Dames & Moore	Work Plan Pilot Program Hydraulic Extraction Containment MW-20 NAPL, Dames & Moore.	11/8/1993	MW-20	Work Plan for MW-20 NAPL area pilot extraction and containment program.
1994	CADOH/DHHS	Preliminary Public Health Assessment for Del Amo Facility, U.S. Department of Health & Human Services.	1/12/1994	Del Amo Site	Presents the results of the public health assessment.
1994	Dames & Moore	Workplan Shallow Soil Gas Sampling, Pipeline and Trench Transmission System, Dames & Moore.	2/2/1994	Del Amo Site	Work plan for supplemental RI investigations of the underground pipeline and trench conveyance systems at the former rubber plant complex.
1994	Dames & Moore	Response to Comments from EPA and DTSC on WorkPlan for Shallow Soil Gas Sampling, Pipeline and Trench Transmission System dated October 29, 1993, Dames & Moore	2/2/1994	Del Amo Site	Response to agency comments from the Respondents.

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YEAR	AUTHOR	REPORT TITLE	DATE	LOCATION	PURPOSE/TOPIC OF REPORT
1994	Dames & Moore	Draft Phase II Remedial Investigation Work Plan, Del Amo Study Area	2/18/1994	Del Amo study area	Outlines proposed scope for Phase II site characterization investigations in selected portions of the Del Amo study area. Presents recent analytical results for new soil gas locations and new groundwater monitoring wells.
1994	Health Science Associates	Fourth Quarter Workplace Air Sampling - Coca Cola Distribution Center for Dames & Moore.	3/1/1994	Coca Cola Distribution Center	Results of indoor air sampling and testing at the existing building on the Coca-Cola property on the Del Amo site.
1994	Health Science Associates	Expanded Workplace Air Monitoring Program: Ace Clearwater, 19815 Magellan Drive.	6/2/1994	Ace Clearwater 19815 Magellan Drive	Presents the results of indoor air monitoring in the existing building on the referenced property.
1994	Health Science Associates	Expanded Workplace Air Monitoring Program: MMFab, 19701 Magellan Drive.	6/2/1994	MMFab 19701 Magellan Drive	Presents the results of indoor air monitoring in the existing building on the referenced property.
1994	Health Science Associates	Expanded Workplace Air Monitoring Program Frank Schaffer Publications, 19771 Magellan.	6/2/1994	Frank Schaffer Publications 19771 Magellan	Presents the results of indoor air monitoring in the existing building on the referenced property.
1994	Health Science Associates	Expanded Workplace Air Monitoring Program: Takechi, USA, Inc., 20280 Del Amo Boulevard.	6/2/1994	Takechi, USA, Inc. 20280 Del Amo Boulevard	Presents the results of indoor air monitoring in the existing building on the referenced property.
1994	Dames & Moore	Expanded Workplace Air Monitoring Program Final Work Plan, Dames & Moore.	6/2/1994	Del Amo Site	
1994	Health Science Associates	Draft Report: Industrial hygiene Monitoring During Below 40 foot Drilling Activities at Coca Cola MW-20.	6/2/1994	MW-20	Presents the results of work zone monitoring during drilling in the MW-20 NAPL area on the Del Amo site.
1994	Health Science Associates	Expanded Workplace Air Monitoring Program Nippon Express, 970 Francisco Street.	6/21/1994	Nippon Express 970 Francisco Street	Presents the results of indoor air monitoring in the existing building on the referenced property.
1994	Health Science Associates	Expanded Workplace Air Monitoring Program: Transpacific Development, 950 190th Street.	6/21/1994	Transpacific Development 950 190th Street	Presents the results of indoor air monitoring in the existing building on the referenced property.

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1994	Health Science Associates	Expanded Workplace Air Monitoring Program: Sumitomo Warehouse, 19302 Pacific Gateway.	6/24/1994	Sumitomo Warehouse 19302 Pacific Gateway.	Presents the results of indoor air monitoring in the existing building on the referenced property.
1994	Health Science Associates	Expanded Workplace Air Monitoring Program: R.R. Donnelley & Sons Company, 19681 Pacific Gateway.	6/24/1994	R.R. Donnelley & Sons Co. 19681 Pacific Gateway	Presents the results of indoor air monitoring in the existing building on the referenced property.
1994	Health Science Associates	Expanded Workplace Air Monitoring Program: Toyota Motor Sales, 1011 Francisco Street.	6/24/1994	Toyota Motor Sales 1011 Francisco Street.\	Presents the results of indoor air monitoring in the existing building on the referenced property.
1994	Health Science Associates	Expanded Workplace Air Monitoring Program Tri-lite Manufacturing Co., 19780 Pacific Gateway	6/27/1994	Tri-lite Manufacturing Co. 19780 Pacific Gateway	Presents the results of indoor air monitoring in the existing building on the referenced property.
1994	Health Science Associates	Expanded Workplace Air Monitoring Program RR Donnelley & Sons 991 Francisco Street.	6/27/1994	RR Donnelley & Sons 991 Francisco Street.	Presents the results of indoor air monitoring in the existing building on the referenced property.
1994	Dames & Moore	Draft Interim Data Submittal and Proposed Laboratory Testing Program MW-20 Pilot Program Del Amo Study Area Los Angeles, California.	9/24/1994	MW-20	Presents interim results of laboratory physical and chemical testing of soil samples for the MW-20 NAPL area and describes additional laboratory testing to be performed.
1994	Health Science Associates	Expanded Workplace Air Monitoring Program Indoor Workplace Air Sampling Plan The WRC Building 20101 Hamilton Ave., Torrance, California 90502 Del Amo Study Area.	11/16/1994	WRC Building 20101 Hamilton Ave.	Presents the results of indoor air monitoring in the existing building on the referenced property.
1994	Health Science Associates	Expanded Workplace Air Monitoring Program Indoor Workplace Air Sampling Plan The Obie Company (formerly the F. Schaffer Building) 19771 Magellan Drive, Torrance, California 90502 Del Amo Study Area.	11/16/1994	The Obie Company 19771 Magellan Drive	Presents the results of indoor air monitoring in the existing building on the referenced property.
1995	Dames & Moore	Technical Memorandum, Assessment of Arsenic in Groundwater, Del Amo Study Area	5/19/1995	Del Amo study area	Evaluates available data for arsenic in groundwater within the study area and offers hypotheses regarding the origin of elevated arsenic concentrations in the vicinity.

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YEAR	AUTHOR	REPORT TITLE	DATE	LOCATION	PURPOSE/TOPIC OF REPORT
1995	Dames & Moore	Work Place Air Monitoring Sampling Rounds One through Three.	7/12/1995	Del Amo Site	Presents the results of indoor air monitoring at 12 onsite buildings on the Del Amo site.
1995	Dames & Moore	Draft Report and Work Plan, Laboratory Data and Analysis and Hydraulic Extraction Work Plan, MW 20 Pilot Program, Del Amo Study Area	9/29/1995	Del Amo study area-monitoring well MW 20 area	Presents laboratory results of fluid saturations and physical testing conducted on NAPL-containing soil samples and outlines proposed scope of work in support of pilot hydraulic extraction system to be constructed and operated at the monitoring well MW 20 area
1995	Dames & Moore	Phase II Remedial Investigation Groundwater Contamination Source Areas, Data Summary and Proposed Target Areas, Del Amo Study Area	11/17/1995	Del Amo study area	Presents summary of available data used to identify nature and location of potential groundwater contamination source areas within the Del Amo study area. Also indicates proposed locations for Phase II investigations
1995	Dames & Moore	Information Package Addressing Evaluation of NAPL Dissolution, MW 20 NAPL Area	12/1/1995	Del Amo study area-monitoring well MW 20 area	Summarizes available data regarding NAPL dissolution mechanisms for the monitoring well MW 20 area
1995	Dames & Moore	Technical Memorandum Results of Shallow Soil Gas Sampling Pipeline and Trench Transmission System Del Amo Study Area.	12/12/1995	Del Amo Site	Presents the results of the soil gas sampling and testing performed along former underground pipelines and trench conveyance systems in the former rubber plant complex.
1996	Dames & Moore	Response to Comments: Draft Report And Work Plan, Laboratory Data and Analysis and Hydraulic Extraction Work Plan, MW 20 Pilot Program, Del Amo Study Area	1/12/1996	Del Amo study area-monitoring well MW 20 area	Presents response to agency comments on 9/29/95 MW 20 NAPL area work plan
1996	Dames & Moore	Remedial Investigation/Feasibility Study, Work Plan for Shell Oil by Dames & Moore, February 25, 1993, with April 23, 1996 addition.	4/23/1996	Del Amo Site	Updated RI/FS Work Plan for the Del Amo site.
1997	SECOR	Phase II Environmental Assessment Harbor Business Center 20280 and 20300 Del Amo Boulevard Los Angeles, California.	3/25/1997	20280 & 20300 Del Amo Bl. Los Angeles, California	Presents the results of laboratory testing of soil samples collected at the referenced locations on the Del Amo site.

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1997	Dames & Moore	Proposed NAPL Screening Investigations Soil and NAPL Remedial Investigations Del Amo Study Area.	7/2/1997	Del Amo Site	Presents a description of proposed supplemental field investigations in areas of the Del Amo site that are known or suspected to be impacted by NAPL.
1997	Dames & Moore	Field Sampling Plan NAPL Screening Investigations Soil and NAPL Remedial Investigations Del Amo Study Area.	7/2/1997	Del Amo Site	Presents a field sampling plan for the above described field investigations.
1997	Dames & Moore	Subsurface Investigation Summary And Compendium Of Analytical Results from Previous Subsurface Investigations at 19780 Pacific Gateway Drive Los Angeles California.	8/28/1997	19780 Pacific Gateway Dr. Los Angeles California	Presents a summary of previous environmental investigations at the referenced property.
1998	Dames & Moore	Summary of NAPL Screening Investigations Source Areas 6, 11 and 12, Del Amo Study Area.	5/29/1998	Del Amo Site	Presents the results of NAPL screening investigations performed at three groundwater contamination source area on the Del Amo site.
1998	Geraghty & Miller	Phase II Environmental Site Assessment, Prentiss Properties Site, Los Angeles, CA. ARCADIS. .	7/2/1998	Prentiss Properties Site	Presents the results of soil sampling and laboratory testing performed at 1000 W.190th St. on the Del Amo site.
1999	The Phylmar Group, Inc.	Indoor Air Quality Evaluation of the Hamilton Building, Torrance, CA [20101 Hamilton Ave.] (Prepared for Toyota Motor Sales, USA Inc.)	3/8/1999	Hamilton Building 20101 Hamilton Ave. Torrance, CA	Presents the results of indoor air sampling and testing performed at the referenced property located on the Del Amo site.
1999	Health Science Associates	Expanded Workplace Air Monitoring Program. Del Amo Study Area. Results of Workplace Air Monitoring Events. Twelve volumes for various addresses.	4/28/1999	Del Amo Site	Presents the results of indoor air sampling and testing performed at various addresses on the Del Amo site.
1999	Hart Crowser, Inc.,	Subsurface Investigation Report for Property at 20,000 South Vermont Avenue (20000), Torrance, CA.	9/30/1999	20000 South Vermont Ave. Torrance, CA	Presents the results of soil sampling and laboratory testing performed at the referenced address on the Del Amo site.
1999	Dames & Moore	DRAFT Vapor Transport Modeling Report. Del Amo Study Area, Los Angeles, CA.	11/4/1999	Del Amo Site	Presents the results of vapor transport modeling performed for three selected areas within the Del Amo site.

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1999	Geraghty & Miller	Site Closure Report: Prentiss Properties Site, 1000 West 190th Street, Los Angeles, CA.	11/18/1999	1000 West 190th Street Los Angeles, CA	Presents the results soil and laboratory testing and describes soil removal actions taken at the referenced property on the Del Amo site.
2001	URS	Draft Baseline Risk Assessment Report, Del Amo Site, Los Angeles. Two volumes.	9/28/2001	Del Amo Site	First draft of the Baseline Risk Assessment performed for the Del Amo Soil and NAPL OU.
2001	URS	Workplace Air Monitoring Program Report, Del Amo Study Area, Los Angeles, CA.	11/16/2001	Del Amo Site	Final report presenting all results and conclusions from the work place air monitoring program for the Del Amo study area.
2002	Dames & Moore	RI/FS Work Plan Addendum: Supplemental Shallow Soil Sampling, Del Amo Study Area, Los Angeles, CA. URS.	12/4/2002	Del Amo Site	Work plan describing goals, objectives and investigative scope of supplemental shallow soil sampling and testing to be performed at the request of EPA at the Del Amo site for the soils and NAPL OU.
2003	URS	MW-20 Pilot Program Summary Report, Del Amo Study Area, Los Angeles, CA. (Replacement pages issued that, combined with URS 030630, constitute complete report).	10/15/2003	Del Amo Site	Final report presenting the results and conclusions from the MW-20 Pilot Program, a hydraulic extraction pilot testing program conducted at the Del Amo site.
2003	Hart Crowser, Inc.,	Supplemental Site Investigation Report for Former Trico Facility. 1206 West 196th Street, Torrance, California.	12/10/2003	1206 West 196th Street Torrance, California	Presents the results of supplemental sampling and testing of soil and groundwater samples at the referenced property located adjacent to the Del Amo site.
2004	URS	Draft Remedial Investigation Report, Soil and NAPL OU, Del Amo Site, Los Angeles, CA.	4/7/2004	Del Amo Site	First draft of the Remedial Investigation Report for the Del Amo site soil and NAPL OU.
2005	URS & Geosyntec Consultants	Revised Draft Baseline Risk Assessment Report, Del Amo Site, Los Angeles, California. Two volumes.	5/19/2005	Del Amo Site	Second draft of the Baseline Risk Assessment performed for the Del Amo site soil and NAPL OU.
2006	URS & Geosyntec Consultants	Draft Final Baseline Risk Assessment Report, Del Amo Site, Los Angeles, California. GeoSyntec Consultants with URS Corporation. Two volumes.	6/16/2006	Del Amo Site	Third draft of the Baseline Risk Assessment performed for the Del Amo site soil and NAPL OU.

**TABLE 2**  
**2004 PROPERTIES AND TENANTS SUMMARY**

Parcel No.	Owner	Tenants	Nature of Business
7351-031-007	Sumitomo Warehouse Co.	Century Express CO	Freight Forwarding
		Daikin U S Corporation	Air Conditioning Equipment, Parts & Supplies
		Nishizawa USA Limited	Exporters
		S S K America Inc	Sporting Goods Wholesale & Manufacturers
		Sumitomo Warehouse USA Inc	Importers, Warehouses Private
7351-031-008	Prentiss Properties	Ledgent Inc	Outsourcing
		Standard Communications Corporation	Radio Communication Equipment & Systems
7351-031-012	Harbor Gateway	Acme Computer Consulting	Computers Systems Designers & Consultants
		American Speedy Printing Centers	(800) 287-2203 (toll-free)
		Ameripath of So Cal	Laboratories Medical
		AOI College of Language Inc	Non-classified Establishments
		Athlon Sports	Sports Consultants
		Center for Consulting and Professional Practices	Management Consultants
		Choco Textile Inc	Non-classified Establishments
		Creation World Inc	Printers Services
		Escas, Mens Clothing & Furnishings Wholesale & Manufacturers	Exporters, Mens Clothing & Furnishings Wholesale & Manufacturers
		Everest Group	Non-classified Establishments
		Gateway Financial Services Group	Financing Personal
		Global Detailing	Auto Cleaning & Detailing
		Green Intergrated Logistics Inc	Freight Forwarding
		Harbor City Chamber	Chamber of Commerce
		Health & Beauty World Inc	Non-classified Establishments
		Hotspot Printing and Packaging	Printers Business Forms
		Imaging Document Solutions	Legal Forms Preparation Service
		International Law Center	Attorneys, Debt Collection Law; Attorneys, Debt Consolidation
		James Tom CO	Clothes & Accessories Men
		JNK Trading CO	Importers
		Justel Inc	Telephone Communications Services
		Kang Dong Soon CPA	Accountants
		Life Care Plus	Home Health Agencies & Services
		Mooney William Associates	Incentive Programs, Management Consultants
		N H R Connection	Exporters
		Peressini Linda	Financial Planning
		Philips Apparel & Manufacturing	Uniforms, Wholesale & Manufacturers
		Popelar Steven	Accountants, Certified Public CPA
		Quander Communications	Cassette Tape Duplication Service, Video Production Companies & Services

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Parcel No.	Owner	Tenants	Nature of Business
7351-031-012	Harbor Gateway	Running Chef	Restaurants
		Scharig Alarm System Inc	Burglar Alarm Systems
		Sean McDonald	Non-classified Establishments
		Small World Shipping Inc	Freight Forwarding
		Special Service for Groups	Social Service & Welfare Organizations
		Standard Laser	Computers & Equipment Repairs & Maintenance
		Starlax International CO	Freight Forwarding
		Total Air Freight Systems	Air Cargo & Package - Express Service
		Trade Pacific Company	Molds
		Trigon USA LLC	Non-classified Establishments
		Trinity Foster Care	Non-classified Establishments
		United American Insurance CO	Insurance
		US Healthworks Medical Group	Physicians & Surgeons
		Vision 21 Century Travel	Travel Agencies & Bureaus
		Young & Associates	Financial Document Information Services
7351-031-017	Prentiss Properties	International Dermal Institute	Barber & Beauty Shops
7351-031-018	Yoshinoya West Inc.	Yoshinoya West Inc	Non-classified Establishments
7351-031-020	Viking Office Products	Viking Office Products	Office Automation Systems & Equipment
7351-031-021	Arden Realty	A T Associates	Publishers Directories & Guides
		AFM Services Inc	Facilities Management
		Archer Management Services	Facilities Management
		Arden Realty Commercial Management	Office Buildings & Parks
		Ashton-Phillips Insurance Service Inc	Insurance
		Avnet Inc	Electronic Equipment & Supplies Wholesale
		Bank of the West	Bank
		Bowman & Brooke Attorneys	Attorneys
		BPA International Inc	Accountants Certified Public CPA
		Cal Tech Copier & Laser Repair	Computers & Equipment Repairs & Maintenance
		Central Properties	Real Estate
		Chen C Jim CPA	Accountants
		Chicago Title Escrow	Title Companies & Agents
		Desktalk Systems Inc	Software & CD-ROM Sales & Services
		Dongbu USA	Steel Mills
		Epolicy Com	Insurance
		GA Design	Non-classified Establishments
		Grubb & Ellis	Real Estate Industrial & Commercial
		Hewlett Packard	Computers & Equipment Wholesale & Manufacturers
		HOTA & CO	Non-classified Establishments

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Parcel No.	Owner	Tenants	Nature of Business
7351-031-021	Arden Realty	Hotta Liesenberg Saito and CO	Accountants
		Independent Capital	Financial Planning
		Innovative Solutions Insurance Services LLC	Insurance
		Internet Productions	Internet Products & Services
		Jinil International Inc	Non-classified Establishments
		John Reeve and Associates	Insurance
		Keiei Senr Yaku Corporation	Non-classified Establishments
		Law Offices of Geoffrey D Matsunaga PC	Attorneys
		Law Offices of Gordon Eng	Attorneys, Engineers & Architects
		LTC Planning Solutions	Non-classified Establishments
		Masuda Funai Eifert & Mitchell Limited	Attorneys
		Mitsui Real Estate Sales USA CO Limited	Real Estate
		My Royal Cafe	Restaurants
		New Spirit Assets Limited	Importers Wholesale
		Okaya U S A Inc	Importers
		Onelegacy	Organ Donation & Tissue Banks
		Pacific Gateway II	Office Buildings & Parks
		Rudolph Dew & Associates LLC	Employment Service Outplacement, Management Consultants
		Rudolph Dew & Associates LLC	Incentive Programs
		Securities America	Non-classified Establishments
		So California Organ	Piano & Organs
		Sonic Shipping Inc.	Non-classified Establishments
		Sunamerica Securities	Financial Planning
		Takata Timothy D Attorney	Attorneys
		Takenaka Executives Search	Non-classified Establishments
		Tax Advice Inc	Tax Consultants & Representatives
		Therapeutic Advantage Inc	Home Health Agencies & Services
		Tokai Bank of California	Banks
		Transamerica Life Insurance & Annuity CO	Pension & Profit Sharing Plans
		United California Bank	Banks
		University of Redlands	School Colleges & Universities
7351-031-027	Arden Realty	Allstate Insurance Companies - Claims Office	Insurance
		CB Richard Ellis	Real Estate, Industrial & Commercial
		Community Hospice Care Coastal Cities	Hospice Services
		Envision Group II LLC	Display Designers & Producers
		First Regional Bank	Banks
		Headway Corporate Staffing Services	Employment Agencies

**TABLE 2**  
**2004 PROPERTIES AND TENANTS SUMMARY**

Parcel No.	Owner	Tenants	Nature of Business
7351-031-027	Arden Realty	Kumon Math & Reading Centers	Educational Research
		Law Firm of Kavesh Minor & Otis	Attorneys
		Legacy Financial Group	Financial Services
		Mys USA Inc	A/V Equipment Service & Repair, Supplies
		Nelson & Cheatham	Accountants Certified Public CPA
		Nitchiku Limited	Exporters
		Officeteam - Torrance	Desks
		Pinnacle Wealth Financial Advisors	Financial Planning
		Robert Half / Accountemps	Accountants Referral & Information Service
		Sanrio Inc	Toys
		Visualmorph	Graphic Designers
		Vitas Health Care Corporation	Health Care Plans
7351-031-028	Arden Realty	None	Paved parking and landscaping only
7351-031-029	Arden Realty	A N A Trading Corporation	Non-classified Establishments
		Accountants Executive Search	Employment Agencies Temporary
		Accounting Principals	Unknown
		Ajilon Finance	Employment Agencies Disability Handicapped
		Allstate Insurance Companies	Insurance
		Altuna Lou Insurance	Insurance
		AOC	Employment Agencies Temporary
		Carlyle Gateway Trust	Real Estate Management
		CB Richard Ellis	Real Estate
		Concept Chaser CO Inc	Advertising Agencies & Counselors
		Congressional Representatives, Millender-McDonald Juanita	Government Offices
		Creative Design Group	Events Planning
		Deli Connection	Restaurant Delicatessens
		ETT Associates Inc	Exporters
		Fremont Properties	Real Estate
		Greenwood & CO	Employment Agencies
		Healthy World Globalization Inc	Importers
		Humana Dental	Health Care Centers
		Interface in Design	Market Research Analysis & Intelligence
		Interim Financial Solutions	Employment Agencies Temporary
		J Gregory Brown & Company Inc	Insurance
		Jones Chemicals Inc	Swimming Pools Dealers
		Kavesh & Gau Inc Financial Counselors	Financial Planning
		Kavesh & Minor A Law Corporation	Attorneys, Living Trusts
		Keyence Corporation of America	Non-classified Establishments

**TABLE 2**  
**2004 PROPERTIES AND TENANTS SUMMARY**

Parcel No.	Owner	Tenants	Nature of Business
7351-031-029	Arden Realty	KOLL Roger & Associates	Attorneys
		Management Solutions	Employment Agencies
		Manufacturers Bank	Banks
		Mellon 1st Business Bank	Banks
		Millennium Staffing	Personnel Consultants & Services
		Milliken & CO	Non-classified Establishments
		Overseas Air Cargo CO Limited	Freight Forwarding
		Perisphere Industries	Non-classified Establishments
		Prentiss Properties Limited Inc	Real Estate Management
		Rager Bell Doskocil & Meyer CPAs & Accountancy CRP	Accountants
		Rogers Derrick A CPA	Accountants
		SCG CO Limited	Exporters
		Shintoa International Inc	Non-classified Establishments
		Siemens Business Communication Systems Inc - Sales OFC	Business Equipment
		Spherion	Temporary Employment Agencies
		Steven E Kirby	Investment Advisory Service
		Sumitomo Life Insurance	Insurance Agents & Brokers
		Sumitran Corporation	Freight Forwarding
		Sunamerica Securities	Financial
		Trammell Crow CO	Non-classified Establishments
		TS Consulting International	Employment Agencies
		Usjp Accountancy CY Corporation	Accountants, Certified Public CPA
		Vitas Health Care Corporation	Hospice Services
		Volt Technical Services	Employment Agencies
		Whalen & CO Inc	Antennas & Antenna Towers
7351-031-030	Prentiss Properties	Kendrick Construction	Builders & Contractors
		Hpgs Llc	Computers Networks
7351-031-031	Prentiss & Copley Investment	Citizen Watch Company of America	Unknown
7351-033-009	Prentiss Properties	Nippon Express Inc	Freight Forwarding
7351-033-015	Harbor Technology Center	Anacomp Inc	Microfilm Storage
		California MFG Technology Center	Engineers; Consulting
		Wherehouse Entertainment Corporate Office	Non-classified Establishments
		Wherehouse Music	Music Dealers, Video Tapes Discs & DVD Sales & Rentals
7351-033-017	WRC	American Medical Response / Medtrans Ambulance	Ambulance Service
		Prentiss Properties Limited Inc	Real Estate Management

**TABLE 2**  
**2004 PROPERTIES AND TENANTS SUMMARY**

Parcel No.	Owner	Tenants	Nature of Business
7351-033-020	Vermont LP	Americom Financial Services	Insurance
		HOYA Lens of America	Optical Goods Wholesale & Manufacturers
		International Right of Way Association	Non-classified Establishments
		Klabin Company	Real Estate
		Monumental Life Insurance CO	Non-classified Establishments
		Priority Mailing Systems Inc	Addressing Machines & Supplies
		Quaid M A Inc	Non-classified Establishments
		Syscom USA	Computers Networks
		Wanpaku USA Corporation	Telecommunications Wiring & Cabling, Video Games
		Whitmont Legal Copying Inc	Non-classified Establishments
		Winbond Electronics North America Corporation	Non-classified Establishments
7351-033-022	Hamilton Dutch	<i>No listings found</i>	Unknown
7351-033-023	Nikon	<i>No listings found</i>	Unknown
7351-033-024	Arden Realty	California State - Equalization Board Member District	Civil Defense Agencies
		Three Claude Par, Equalization Board Of	Civil Defense Agencies
7351-033-026	AS Johnston Drilling	California State - Enforcement Service, Housing Finance Agency	Civil Defense Agencies
		Arrow Sign CO	Signs
		Bridge USA	Publishers Magazines & Periodicals
		Cal Soft Systems	Computers Software Wholesale & Manufacturers
		Cerritos Computer Services Inc	Computers Software
		DOMA Corporate	Non-classified Establishments
		JK & MK Distibution	Non-classified Establishments
		Rossmith Packaging Inc	Packaging & Shipping Service
		S GI USA South Bay Community	Non-classified Establishments
		Snaidero International USA Inc	Interior Decorators & Designers
7351-033-027	AS Johnston Drilling	South Bay Equity Lending	Mortgage
		B R & Y Insurance Agency Inc	Insurance
		Hara Toshiki EA	Tax Return Preparation
		Marclin Group	Executive Search - Consultants
		Pathology Business Service	Non-classified Establishments
		Premier Data Technology Inc	Computers Systems Designers & Consultants
		Sea Trade International	Non-classified Establishments
		Time Clock Sales & Service CO Inc	Time Recorders & Supplies
		Western Council of Construction Consumers	Building Construction & Design Consultants
7351-033-030	Very Nice LLC	ITT Technical Institute - Torrance	Computers Programming Instruction
7351-033-031	AJA and JBH Holdings	Imagine Fulfillment Services	Packaging & Shipping Service
		Intelligent Computer Concepts	Computers Systems Designers & Consultants

**TABLE 2**  
**2004 PROPERTIES AND TENANTS SUMMARY**

Parcel No.	Owner	Tenants	Nature of Business
7351-033-034	LA Hamilton Partners	Fritz Co	Non-classified Establishments
		LA Hamilton Partners	Builders & Contractors
		Restaurant Depot	Grocers Wholesale, Restaurant Equipment & Supplies
		UPS Freight Services	Non-classified Establishments
7351-033-039	Today's V	HM International	Gift shop
		Holiday Inn Torrance	Hotel
		Pasta's Restaurant	Restaurant, banquet facilities
7351-033-040	LNR Hamilton Industrial	Unknown	Unknown
7351-033-045	On Vermont LLC	Unknown	Unknown
7351-033-900	LADWP	none	Power Line Corridor
7351-034-015/ -050/-056	RR Donnelley	Applied Graphic Technology	Graphic Designers
		Donnelley R R & Sons-L A Divison	Printers Services
7351-034-021	Pacifica South Bay Fund	Optobahn Corporation	Fiber Optic Equipment Systems & Supplies
7351-034-023	EG Property LLC	Effective Graphics	Graphic Designers
7351-034-024	Prentiss Properties	ASV Andry Specialty Vehicles	Auto Customizing & Restoration
7351-034-025	Prentiss Properties	CAG Trucking	Trucking Companies
		Phoenix International Freight Services	Trucking Companies
7351-034-039	Del Monico Investments	<i>No listings found</i>	Unknown
7351-034-041	Pacific Magellan Dr. LLC	<i>No listings found</i>	Unknown
7351-034-043	Magellan Enterprises	Ace Clearwater Enterprises	Manufacturers, Welding Services
7351-034-045	Prentiss Properties	<i>No listings found</i>	Unknown
7351-034-047	Prentiss Properties	<i>No listings found</i>	Unknown
7351-034-049	Kowa Properties	KOWA California Inc	Clothes & Accessories Women, Exporters, Hospital & Medical Equipment & Supplies, Market Research Analysis & Intelligence
7351-034-052	Prentiss Properties	<i>No listings found</i>	Unknown
7351-034-057	Coca-Cola	Coca-Cola Bottling Co.	Beverage & Juice Bottlers Distributors & Manufacturers
7351-034-058	Samsteel	Ferro Union Inc / TWW Triangle Steel & Supply	Steel Distributors & Service Centers
7351-034-061	Prentiss Properties	Nippon Express USA Inc	Freight Forwarding
7351-034-062	WDC Building	State Chemical MFG CO	Chemical Cleaning Industrial, Chemicals - Wholesale & Manufacturers, Janitorial Equipment & Supplies
7351-034-063	Natures Best	BKM Total Office of California	Office Furniture & Equipment New
7351-034-064	Dongkuk Intnl	Dongkuk International Inc	Non-classified Establishments
		M T P Event Service Inc	Audio Visual Production Services
7351-034-065	Franmag	Enova Systems Inc	Solar Energy Research Development & Design
7351-034-066	Prentiss Properties	Nippon Express U S A Inc	Freight Forwarding
7351-034-067	Prentiss Properties	<i>No listings found</i>	Unknown
7351-034-068	Prentiss Properties	<i>No listings found</i>	Unknown
7351-034-069	Torrance Gateway Assoc	Formosa Container Line Inc	Warehouses Public Commercial

**TABLE 2**  
**2004 PROPERTIES AND TENANTS SUMMARY**

<b>Parcel No.</b>	<b>Owner</b>	<b>Tenants</b>	<b>Nature of Business</b>
7351-034-069	Torrance Gateway Assoc.	Tatsumi Intermodal USA Inc	Freight Forwarding
7351-034-070	WRH Industries	none	container storage
7351-034-072	Prentiss Properties	Crestec Los Angeles Inc	Printers Services
7351-034-073	Prentiss Properties	Metrix West	Auto Parts & Supplies Wholesale & Manufacturers
7351-034-074	Toyoshima Inc.	America YUS Inc	Courier & Delivery Service
		L A Web Offset Printing Inc	News & Sports Service, Printers Services
		Yomiuri America Inc	Newspapers Manufacturers
7351-034-075	Magellan Property LLC	Triple B Packers Inc	Freight Forwarding, Packaging & Shipping Service
7351-034-076	Rossmore Enterprises	Nearfield Systems Inc	Contractors - Communication & Electronic, Metal Stamping
7351-034-077	Western Waste	none	Waste Pit Area remediation site
7351-034-078	Western Waste	none	vacant land
7351-034-079	Bernard Howroyd	Apple One Marketing	Market Research Analysis & Intelligence, Payroll Preparation Service
		Government Services	Labor Organizations
7351-034-080	Murray Meyers	Joachim / Okuma	Machine Tools
7351-034-800	Southern Pacific	none	active RR corridor
7351-034-803	Southern Pacific	none	Old RR Corridor
7351-034-804	Southern Pacific	none	Inactive RR Corridor (vacant land)
7351-034-901	LADWP	none	Power Line Corridor

**TABLE 3**  
**SUMMARY OF STREETS IN SITE VICINITY**

Direction From Site	Type	Name	Direction	Lanes
North	Freeway	405 Freeway	E/W	8
	Arterial	W. 190th St.	E/W	4-6 <sup>1</sup>
		S. Normandie Ave.	N/S	4
		S. Vermont Ave.	N/S	4
	Collector	W. 186th St.	E/W	2
	Local	W. 185th St.	E/W	2
		W. 187th Pl.	E/W	2
		W. 187th St.	E/W	2
		Catalina Ave.	N/S	2
		New Hampshire Ave	N/S	2
		Raymond Ave.	N/S	2
South	Arterial	W. Torrance Blvd.	E/W	4
	Collector	Milton St.	E/W	2
	Local	W. Del Almo Blvd. <sup>2</sup>	E/W	1
		Berendo Ave.	N/S	2
		Budlong Ave.	N/S	2
		Catalina St.	N/S	2
		Kenwood Ave.	N/S	2
		Raymond Ave.	N/S	2
		New Hampshire Ave.	N/S	2
		204th Street	E/W	2
East	Freeway	110 Freeway	N/S	8
		405 Freeway	NW/SE	8
	Arterial	S. Figueroa St.	N/S	4
		S. Vermont Ave.	N/S	4
	Collector	Hamilton Ave.	N/S	2
	Local	Moneta Ave	NW/SE	2
		Anelo Ave.	NW/SE	2
		W. Francisco St.	E/W	2
West	Arterial	S. Normandie Ave.	N/S	4
	Collector	S. Denker Ave.	N/S	2
	Local	Francisco St.	E/W	2
		Jon St.	E/W	2
		Knox St.	E/W	2
		Harbrogate Way	N/S	2

1 Six lane road during peak traffic hours; four lanes otherwise, with outermost lanes utilized for parking

2 Proposed arterial

**TABLE 4**  
**ORGANIC CHEMICAL PROPERTIES**

Compound	Phase*	Chemical Formula	Molecular Weight	Specific Gravity	Water Solubility ( $\mu\text{g/l}$ )	Vapor Pressure (mm of Hg)
Benzene	Liquid	C <sub>6</sub> H <sub>6</sub>	78.11	0.88	1,800,000	75
Benzo(a)pyrene	Solid	C <sub>20</sub> H <sub>12</sub>	252.30	1.35	3	0
1,3-Butadiene	Gas	CH <sub>2</sub> =CH-CH=CH <sub>2</sub>	54.09	0.62	735,000	1,847
Butylbenzene	Liquid	C <sub>10</sub> H <sub>14</sub>	134.20	0.86	30,000	1
Butylene	Gas	CH <sub>3</sub> CH <sub>2</sub> CHCH <sub>2</sub>	56.10	0.67	210,000	2037
Cyclohexane	Liquid	C <sub>6</sub> H <sub>12</sub>	84.18	0.78	55,000	77
Ethylbenzene	Liquid	C <sub>8</sub> H <sub>10</sub>	106.17	0.86	160,000	9.53
Ethylene	Gas	C <sub>2</sub> H <sub>4</sub>	28.05	0.57	131,000	36,252
Isopentane	Liquid	C <sub>5</sub> H <sub>12</sub>	72.15	0.62	48,000	595
Isoprene	Liquid	CH <sub>2</sub> C(CH <sub>3</sub> )CHCH <sub>2</sub>	68.11	0.68	unknown	493
Naphthalene	Solid	C <sub>10</sub> H <sub>8</sub>	128.16	1.15	30,000	0
Propane	Gas	CH <sub>3</sub> CH <sub>2</sub> CH <sub>3</sub>	44.09	0.58	63,000	415
Propylbenzene	Liquid	C <sub>9</sub> H <sub>12</sub>	120.20	0.86	60,000	2.5
Styrene	Liquid	C <sub>6</sub> H <sub>5</sub> CH=CH <sub>2</sub>	104.14	0.90	300,000	5
Toluene	Liquid	C <sub>7</sub> H <sub>8</sub>	92.10	0.87	515,000	22
<i>m</i> -Xylene	Liquid	C <sub>8</sub> H <sub>10</sub>	106.16	0.86	198,000	6

\* under standard temperature pressure conditions

**Table 5**  
**Hydrostratigraphic Units**

<b>Published Regional Hydrostratigraphy<sup>①</sup></b>		<b>Del Amo Site Hydrostratigraphy<sup>②</sup></b>	<b>Average Thickness (ft)</b>	<b>Base Elev. Range (ft/msl)</b>
Upper Pleistocene Lakewood Formation	Bellflower Aquitard	Upper Bellflower Aquitard	74	-15 to -71
		Middle Bellflower	B-Sand Mud C-Sand	15 7 43
		Lower Bellflower Aquitard		27
		Gage Aquifer	Gage Aquifer	66
	Lower Pleistocene Lakewood Formation	Gage/Lynwood Aquitard	Gage/Lynwood Aquitard	20 <sup>③</sup>
		Lynwood Aquifer	Not penetrated	36 <sup>④</sup>
		Unnamed Aquitard	Not penetrated	208 <sup>④</sup>
		Silverado Aquifer	Not penetrated	>240 <sup>④</sup>
				Base not reached

## EXPLANATION

- ① California Department of Water Resources Bulletin 104, 1961. Planned Utilization of the Groundwater Basins of the Coastal Plain of Los Angeles County. Appendix A – Groundwater Geology, June 1961.
- Poland, J.F., A.A. Garrett and A. Sinnott, 1959. Geology, Hydrology and Chemical Character of Ground Waters in the Torrance – Santa Monica Area, California. U.S. Geological Survey Water Supply Paper 1461.
- ② Current study.
- ③ Hargis + Associates 1992. Final Draft Remedial Investigation, Montrose Site, Torrance, CA. Volumes I through IV, October 29.
- ④ Drillers Log, Los Angeles County Department of Public Works, Well No 795.

**TABLE 6**  
**SUMMARY OF PHYSICAL TESTING DATA**

HSU	Physical Parameter	Number of Analyses	Average Value	Units
UBF	Air permeability	50	0.000170	cm/s
	Bulk Density	51	1.54	g/cc
	Effective Porosity	45	15.3	%vb
	Grain Density	51	2.66	g/cc
	Hydraulic Conductivity	50	0.000842	cm/s
	Liquid Limit	9	34.6	%m
	Moisture Content	27	20.5	%wt
	Plastic Index	9	13.8	%m
	Plastic Limit	9	20.8	%m
	Porosity	51	40.6	%vb
	Specific Gravity	3	2.84	g/cc
	TOC	10	30.6	mg/kg
	Water Saturation	5	49.7	%s
MBFB	Air permeability	20	0.00142	cm/s
	Bulk Density	22	1.48	g/cc
	Effective Porosity	22	16.0	%vb
	Grain Density	22	2.65	g/cc
	Hydraulic Conductivity	20	0.000353	cm/s
	Liquid Limit	2	37.0	%m
	Moisture Content	12	25.1	%wt
	Plastic Index	2	15.5	%m
	Plastic Limit	2	21.5	%m
	Porosity	22	42.6	%vb
MBFM	TOC	14	135	mg/kg
	Air permeability	8	.0000000581	cm/s
	Bulk Density	8	1.29	g/cc
	Effective Porosity	8	6.37	%vb
	Grain Density	8	2.62	g/cc
	Hydraulic Conductivity	8	0.00000110	cm/s
	Liquid Limit	3	72.7	%m
	Moisture Content	4	39.0	%wt
	Plastic Index	3	44.7	%m
	Plastic Limit	3	28.0	%m
HSU	Porosity	8	50.5	%vb
	TOC	15	78.2	mg/kg

**Notes:**

HSU	hydrostratigraphic unit
TOC	total organic carbon
cm/s	centimeters/second
g/cc	grams/cubic centimeter
%vb	percent bulk volume
%m	percent moisture
mg/kg	milligrams/kilogram
%s	percent saturation
%wt	percent by weight

**TABLE 7**  
**SUMMARY OF GRAIN SIZE DISTRIBUTION DATA**

<b>Boring</b>	<b>Depth (ft. bgs)</b>	<b>Grain Size Distribution (% by wt.)</b>			
		<b>Coarse Sand</b>	<b>Medium Sand</b>	<b>Fine Sand</b>	<b>Silt/Clay</b>
SBL0011	62.5	0.00	0.74	84.1	15.0
	69.5	0.39	0.67	28.7	70.1
SBL0012	30	0.00	9.41	45.4	45.1
	133	0.00	0.86	93.5	5.56
SBL0013	142.5	0.00	9.97	42.2	47.8
	31.5	0.00	6.89	90.4	2.63
	72	0.00	0.07	15.2	84.6
	115.5	0.00	2.85	93.0	4.05
SBL0014	171.5	0.23	1.47	84.5	13.7
	34	0.79	0.86	54.8	43.4
	119	26.7	12.8	52.6	7.78
SBL0015	135	0.62	37.1	55.0	7.17
	34	0.00	0.14	27.5	72.2
	77	0.00	1.59	23.4	74.9
	110	0.79	3.91	86.6	8.64
SBL0016	145	0.00	20.9	71.0	8.03
	45	41.6	29.7	22.7	5.94
	110	0.00	0.87	97.1	1.96
SBL0019	134	0.00	23.5	69.7	6.79
	47	0.00	3.81	74.4	21.8
	123	0.00	3.31	59.6	37.0
	128	0.3	3.6	4.5	91.6
	160	0.00	5.78	51.7	42.4
SBL0020	168	0.00	0.78	90.7	8.43
	42	36.1	17.1	38.7	7.91
	48.5	0.00	1.55	54.4	44.0
	52	0.00	0.37	37.0	62.5
	81	0.00	0.8	6.87	92.3
	82	0.00	0.58	48.5	50.8
	111	6.47	38.1	48.6	6.71
	141	4.69	13.0	48	34.2
SBL0021	142	0.00	4.03	76.9	18.9
	97	0.00	3.07	23.4	73.5
	104	0.00	0.5	95.5	3.99
	137.5	0.00	0.1	1.98	97.9
	201	0.00	2.1	80.3	17.6
SBL0022	235	0.00	0.1	24.4	75.4
	35	0.11	18.2	75.3	6.23
	63	0.00	7.97	75.3	16.7
	89	0.38	1.88	92.1	5.64
	152	0.00	3.3	53.4	43.2
SBL0027	200	0.22	18.6	76.4	4.66
	25	0.24	29.1	58.6	11.8
	50	0.00	1.18	40.0	58.8
	151	0.08	23.1	73.1	3.61
	158	0.00	0.2	83.1	16.6
SBL0029	186	0.00	12.6	85.7	1.59
	46	20.7	39.5	31.9	7.68
	80	0.00	2.49	87.2	10.2
	129	43.9	18.5	35.6	1.9
	145.5	0.00	3.19	79.5	17.3

**TABLE 7**  
**SUMMARY OF GRAIN SIZE DISTRIBUTION DATA**

<b>Boring</b>	<b>Depth (ft. bgs)</b>	<b>Grain Size Distribution (% by wt.)</b>			
		<b>Coarse Sand</b>	<b>Medium Sand</b>	<b>Fine Sand</b>	<b>Silt/Clay</b>
SBL0030	40	0.00	11.6	66.1	22.2
	90	0.00	0.73	74.8	24.4
	123	0.00	0.56	51.3	48.1
	132	0.00	1.85	81.6	16.5
SBL0032	37	0.7	16.2	78.2	4.83
	52	0.00	0.12	40.3	59.5
	73	0.28	3	87.8	8.88
	105	0.24	1.84	68.5	29.3
	136	0.36	2.45	54.4	42.7
SBL0033	81	0.00	1.26	13.0	85.7
	120	0.48	3.63	84.3	11.5
	154	0.00	3.09	33.7	63.1
	192	0.00	0.00	31.5	68.4
	261	0.24	0.83	20.4	78.5
SBL0034	39	0.24	48.6	48.1	3.01
	52	19.6	19.7	46.6	13.9
	104	0.00	1.96	81.9	16.0
	174	0.26	1.44	46.3	51.9
SBL0035	37	0.00	0.45	34.4	65.0
	60	0.14	1.57	81.3	16.9
	97	50.6	2.24	40.6	6.42
	140	0.00	0.22	17.9	81.8
	145	34.8	47.1	14.9	3.03
SBL0038	8	0.8	2.86	50.9	45.3
SBL0052	105	0.00	0.7	82.2	17.0
	141.5	0.00	7.44	81.9	10.6
	170	0.46	4.92	76.9	18.1
SWL0001	72	0.34	5.55	90.9	3.14
SWL0002	61	0.47	2.25	54.9	42.3

**TABLE 8**  
**SITE-WIDE SUMMARY OF SAMPLING AND LABORATORY ANALYSES**

Plancor	Former Facility	Grid Location	Rationale	Number of Soil Gas (VOC) Sampling Locations (Field GC)	Number of Soil Borings	Type and Number of Soil Sample Analyses						
						VOCs (8260B)	SVOCs/ PAHs (8270/ 8270-SIM)	Metals (6000/7000 series)	Cr/Cr VI (6000/7000 series)	Pesticides/ PCBs (8081A/8082)	Cyanide	pH
Copolymer	Styrene tank	A4	VOC storage	2								
	Waste transfer station	B3	Potential VOC source	3								
	Primary effluent separator #1	A5	Potential VOC source	4								
	Buried gasoline tank	B3	Potential VOC source	4								
	Sump	B4	Potential VOC source	1								
	Styrene tanks	B4	Potential VOC source	5								
	C5 hydrocarbon/condensate tanks	B5	Potential VOC source	3								
	Cyclohexane tanks	C3	Potential VOC source	4								
	Primary effluent separator #2	B5	Potential VOC source	1								
	Secondary effluent separator	B4	Potential VOC source	3								
	Reactor building, blowdown tanks	C5	Potential VOC source	8								
	"Pits and trenches" feature	D3	Potential VOC source	9	6	13	16				6	
	Paint shop	B4	Potential VOC/metals source		1	1		1			1	
	Machine shop/cafeteria	B5	Potential VOC/PAH/metals source		8	6	12	8				
	Laboratory	B5	Potential VOC/PAH source		5	4	7					
	Cooling Tower	B3	Potential chromium source		4					4		
	Oil Feed Tanks(3)	C3	Potential PAH source		5		5					
	Oil emulsion make-up tanks (3)	C4	Potential PAH source		1	1	2					
	Non-staining oil tanks (4)	C4	Potential PAH source		4		4					
	Large oil emulsion tank (1)	C5	Potential PAH source		1	1	1					
	Small oil emulsion tanks (3)	C5	Potential PAH source		3	3	3					
	Diesel tank	C5	Potential VOC/PAH source		1	1	1					
	Carbon slurry tank	C5	Potential PAH source		1		1					
	Carbon black effluent basin	C5	Potential PAH source		2		2					
	Carbon black storage tank	C4	Potential PAH source		1		1					
	Carbon black building	C4	Potential PAH source		2		2					
	Carbon black slurry pit	C4	Potential PAH source		1		1					
	Oil tank	C5	Potential PAH source		1		1					
	Pipelines/trenches	Multiple	Potential VOC sources	95								
	Southern copolymer plancor stained area	C3-C-5; D3-D5	Possible release area		12	35	35	19		17	16	
	Final effluent pit	D4	Waste water treatment area;potential VOC/SVOC source	4	2	4	2					
	Pits and trenches	D3	Use unknown		6	12	16			6		

**TABLE 8**  
**SITE-WIDE SUMMARY OF SAMPLING AND LABORATORY ANALYSES**

Plancor	Former Facility	Grid Location	Rationale	Number of Soil Gas (VOC) Sampling Locations (Field GC)	Number of Soil Borings	Type and Number of Soil Sample Analyses						
						VOCs (8260B)	SVOCs/PAHs (8270/8270-SIM)	Metals (6000/7000 series)	Cr/Cr VI (6000/7000 series)	Pesticides/PCBs (8081A/8082)	Cyanide	pH
Styrene	VOC tanks at styrene finishing/benzene purification unit	E4	Potential VOC source	6								
	Secondary skimmer basin	E5	Waste water treatment; potential VOC/PAH source	3	2	3	2					
	Recovered oil tank	E5	Potential PAH source		1		1					
	Fuel oil storage tanks (2)	F3	Potential PAH source		2		2					
	Toluene tanks (4)	F3	Potential VOC source	8	1							
	Finished styrene tanks (4)	F3	Potential VOC source	8								
	Crude styrene tank	F3	Potential VOC source	4								
	Crude benzene/ethylbenzene/styrene tank	F3	Potential VOC source	4	2	2	1					
	Process Area #2	E5	Styrene finishing area; potential VOC source		4	4	5					
	Buried VOC tanks at styrene finishing unit	E5	Potential VOC source	10	1	1	1					
	Machine shop	E6	Potential VOC/PAH/metals source		7	7	14	7				
	Crude benzene/fuel oil/utility tank	F3	Potential VOC source	9	1	3	2	1		1		
	Instrument/electrical machine shop	F6	Potential VOC/PAH/metals source		2	2	4	2				
	Carpenter/paint shop	F6	Potential VOC/metals source		3	3		3		3		
	Sulfur tar oil tank	E4	Potential PAH source		1		1					
	Process Area #3; styrene production and propane cracking area	F4	Potential VOC source		3	3	5					
	Blowdown Pit #1 (original and re-located)	F4	Potential VOC source	4	1	1	2					
	Process Area #4; styrene production and propane cracking area	F5	Potential VOC source		7	5	12					
	Blowdown Pit #2 (original and re-located)	F5	Potential VOC source		2	2	4					
	Transformer platform	F5	Potential PAH, PCB source		1		1			1		
	Pumps/reactors at ethylbenzene production unit #2	G5	Potential VOC/PAH source		5	5	5					
	Laboratory		Potential VOC/PAH source	6	4	9						
	Western evaporation pond	G3	Use unknown		1	1	1		2	1		
	Ethylbenzene/crude styrene tank	G3	Potential VOC source	4	2	2						

**TABLE 8**  
**SITE-WIDE SUMMARY OF SAMPLING AND LABORATORY ANALYSES**

Plancor	Former Facility	Grid Location	Rationale	Number of Soil Gas (VOC) Sampling Locations (Field GC)	Number of Soil Borings	Type and Number of Soil Sample Analyses						
						VOCs (8260B)	SVOCs/ PAHs (8270/ 8270-SIM)	Metals (6000/7000 series)	Cr/Cr VI (6000/7000 series)	Pesticides/ PCBs (8081A/8082)	Cyanide	pH
Styrene	Finished benzene/crude ethylbenzene tank	G3	Potential VOC source	4								
	Finshed benzene tank	G3	Potential VOC source	4								
	VOC tanks at ethylbenzene prodcution unit #1	G4		5								
	Pumps & reactors at ethylbenzene production unit #1	G4	Potential VOC/PAH source		2	2	4					
	Dry well	G4	Potential waste disposal site		1	1	2	1		1		1
	Cooling Tower #2	G3/H3	Potential chromium source		5				5			
	Propylbenzene/butylbenzene/polyethylbenzene/utility tanks (6)	H3	Potential VOC/SVOC source	9	1	4	4					
	Area of exposed surface soil	I2 - I6	Area of increased exposure potential		16		4	4		4	4	
	Storage area	I3	Potential contaminant release area	28	2	2	2	2		2	2	
	Southern fuel oil tank	H3	Potential VOC/SVOC source		6	5	10					
Butadiene	Eston Chemical Co.	I5	Potential VOC source	5								
	Pipelines/trenches	multiple	Potential VOC source	129								
	NW filtration tank	D7	Potential VOC source	3								
	Acetylene dump	D8	Potential carbon black/PAH source		2		2					
	Unlined impoundments	D8	Waste water treatment facilities; potential VOC/PAH sources	9	6		6	6	12	6		
	Wastewater holding tank	D8		6	3	3	6	3				
	NE filtration tank	D9			3	3	5	3				
	Wastewater treatment unit tank	D9			1	1	2	1				
	Neutralizing basin	D9			1	1	1	1				
	Oil skimmer basin	D9			2	2	2	2				
	Northern slop oil/recovered oil/absorber soil tanks (2)	D9			2	2	2					
	incinerator	D8	Potential PAH, metal source		3		3	3				
	C5 slop storage tank	F8	Potential VOC source	2								
	"Strong solvent" storage tank	G7	Potential VOC source	2								
	Isoprene purification area	G7	Potential VOC source	6								
	Cooling Tower #4	E7	Potential chromium source		1				1			
	Cooling Tower #3	F7			9				9			
	Southern slop oil/recovered oil/absorber oil tanks (2)	E9	Potential PAH source	6	2		2					

**TABLE 8**  
**SITE-WIDE SUMMARY OF SAMPLING AND LABORATORY ANALYSES**

Plancor	Former Facility	Grid Location	Rationale	Number of Soil Gas (VOC) Sampling Locations (Field GC)	Number of Soil Borings	Type and Number of Soil Sample Analyses					
						VOCs (8260B)	SVOCs/PAHs (8270/8270-SIM)	Metals (6000/7000 series)	Cr/Cr VI (6000/7000 series)	Pesticides/PCBs (8081A/8082)	Cyanide
Butadiene	Cooling Tower #2	G7	Potential chromium source		5				5		
	Area of exposed surface soil	G7-G9; H7 H8; I7-I8	Area of increased exposure potential		28	6	6	6		6	6
	Copper solvent tank	G7	Potential VOC, metal source		1	1	1	1			
	Oil blowdown tank	G7	Potential PAH source		1		1				
	Cooling Tower #1	H7	Potential chromium source		6				6		
	Neutralizing basin	G8	Details on use unknown		2	2	2	2			2
	C5 tank	H8	Potential VOC source		1	1	1				
	Crude Isoprene tank	H8	Potential VOC source		1	1	1				
	Slop oil tank	H8	Potential PAH source	4	2	2	3				
	Acetone/acetonitrile tanks (3)	H8	Potential VOC source	9							
	Cooling Tower	I8	Potential chromium source		2				2		
	Technical center/research laboratory	H9	Potential VOC/PAH source	24	5		5				
	Fuel oil tank	I7	Potential PAH source		1		1				
	Lean oil storage tanks (2)	I9	Potential PAH source		2		2				
Pipelines/trenches		multiple	Potential VOC source	88							

Notes Step-out' locations and non-RI sampling locations not included

"Grid Location" refers to coordinates of identified facility on Figures 18 and 24

**TABLE 9**  
**SAMPLING AND ANALYTICAL PLAN**  
**2003 ADDENDUM INVESTIGATION**

Plancor	APN	Targeted Former Facility	Rationale	Number of Borings	Minimum Boring Depth (ft)	Type and Number of Analyses					
						VOCs (8260B)	PAHs (8270-SIM)	Metals (6010B/7471)	Cr/Cr VI (6010/7199)	Pesticides/PCBs (8081A/8082)	pH
Copolymer	7351-031-022	Paint shop	Probable storage of paints and thinners containing various VOCs and lead	1	10	1		1		1	
	7351-031-020	Machine shop/cafeteria	Probable use, storage site for petroleum lubricants and fuels; possible welding activities	8	10	8	8	8			
		Laboratory	Probable use, storage of various unidentified chemical solutions	4	10	4	4				
	7351-031-007	Cooling Tower	Chromium VI commonly used as a corrosion inhibitor	4	1.5				4		
	7351-031-007, Pacific Gateway	Oil Feed Tanks(5)	Oil storage - possible PAH source	5	1.5		5				
	7351-031-030	Non-staining oil tanks (4)	Oil storage-possible PAH source	4	1.5		4				
		Pigment building oil emulsion tank (1)	Oil storage-possible PAH source	1	10	1	1				
	7351-031-030/-021	Small oil emulsion tanks (3)	Oil storage-possible PAH source	3	10	3	3				
	7351-031-021	Diesel tank	Possible VOC/PAH source	1	10	1	1				
		Large oil emulsion tank	Oil storage-possible PAH source	1	10	1	1				
		Carbon slurry tank	Possible PAH source	1	10		1				
		Carbon black effluent basin	Possible PAH source	2	15		2				
	7351-031-017	Carbon black storage tank	Possible PAH source	1	1.5		1				
		Carbon black building	Possible PAH source	2	1.5		2				
		Slurry pit	Possible PAH source	1	1.5		1				
	7351-031-012	Oil tank	Possible PAH source	1	1.5		1				

**TABLE 9**  
**SAMPLING AND ANALYTICAL PLAN**  
**2003 ADDENDUM INVESTIGATION**

Plancor	APN	Targeted Former Facility	Rationale	Number of Borings	Minimum Boring Depth (ft)	Type and Number of Analyses					
						VOCs (8260B)	PAHs (8270-SIM)	Metals (6010B/7471)	Cr/Cr VI (6010/7199)	Pesticides/PCBs (8081A/8082)	pH
Styrene	7351-034-072	Final effluent pit	Waste water treatment area; VOCs previously tested for	2	15		2				
	7351-034-015	Pits and trenches	Use unknown	6	15	12	6			6	
	7351-034-074	Recovered oil tank	Oil storage - possible PAH source	1	5		1				
	7351-034-056	Fuel oil storage tanks (2)	Fuel storage (VOCs previously tested for)	2	5		2				
	Magellan Dr.	Process Area #2	Styrene finishing area; BTEX and styrene processing likely	4	10	4	4				
	7351-034-076/-025	Machine shop	Probable use, storage site for petroleum lubricants and fuels; possible welding activities	7	10	7	7	7			
	7351-034-076/-063	Instrument/electrical machine shop	Probable use, storage site for petroleum lubricants and fuels; possible welding activities	2	10	2	2	2			
	7351-034-063	Carpenter/paint shop	Inferred storage of paints containing various VOCs and lead	3	10	3		3		3	
	7351-034-069	Sulfur tar oil tank	Oil storage; possible PAH source	1	5		1				
		Process Area 3	Styrene produced from benzene and propane/ethylbenzene	3	10	3	3				
		Relocated Blowdown Pit 1	Inferred to receive wastes from styrene production/propane cracking area	1	15	1	1				
	7351-034-045/-064, Magellan Dr.	Process Area 4	Processed feedstock for styrene production and propane cracking	5	10	5	5				
	Magellan Dr.	Blowdown Pit 2	Inferred to receive wastes from styrene production/propane cracking area	1	15	1	1				
		Relocated blowdown pit 2									
	7351-034-043	VOC storage tank	BTEX, styrene storage	1	10	1	1				
	7351-034-065	Transformer platform	Possible PAH, PCB source	1	5		1			1	
	7351-034-065, Magellan Dr.	Pumps/reactors #2	Processing of benzene, ethylbenzene	4	10	4	4				
	7351-034-065/-803	Laboratory	Probable use, storage of various unidentified chemical solutions	4	10	4	4				
	7351-034-057	Western evaporation pond	Use unknown	1	15	1	1		1	1	
	Francisco St.	Dry well	Use unknown	1	15	1	1	1		1	1
	7351-034-052	Pumps/reactors #1	Processing of benzene, ethylbenzene	2	10	2	2				
	7351-034-058	Cooling Tower	Commonly used chromium VI as a corrosion inhibitor	4	5				4		
		Southern fuel oil tank	Fuel storage (VOCs previously tested for)	5	5		5				

**TABLE 9**  
**SAMPLING AND ANALYTICAL PLAN**  
**2003 ADDENDUM INVESTIGATION**

Plancor	APN	Targeted Former Facility	Rationale	Number of Borings	Minimum Boring Depth (ft)	Type and Number of Analyses					
						VOCs (8260B)	PAHs (8270-SIM)	Metals (6010B/7471)	Cr/Cr VI (6010/7199)	Pesticides/PCBs (8081A/8082)	pH
	7351-033-009	Unlined impoundment	Suspected use for waste water storage; VOCs previously tested for	6	15		6	6	6	6	
Butadiene	7351-033-024	Acetylene dump	Likely associated with carbon black wastes	2	5		2				
		Wastewater holding tank	Waste water treatment facilities; potential VOC/PAH sources	3	10	3	3	3			
		Filtration tank		3	10	3	3	3			
		Wastewater Treatment unit		1	10	1	1	1			
		Neutralizing basin		1	15	1	1	1			
		Oil skimmer basin		2	15	2	2	1			
		Northern slop oil/recovered oil tanks (2)		2	10	2	2				
	7351-033-020	incinerator	Any residual wastes may be a potential PAH, metal source	3	5		3	3			
	7351-033-020/-039	Cooling Tower #4	Chromium VI commonly used as a corrosion inhibitor	1	5					1	
	7351-033-023	Cooling Tower #3		9	5					9	
	7351-033-023	Southern slop oil/recovered oil tanks (2)	Oil storage - possible PAH source	2	5		2				
	7351-033-037/-030	Cooling Tower #2	Chromium VI commonly used as a corrosion inhibitor	5	5					5	
	7351-033-030	Copper solvent tank	Potential VOC, metal source	1	10	1	1	1			
	7351-033-030/-031	Oil blowdown tank	Oil storage - possible PAH source	1	5		1				
	7351-033-030/-031	Cooling Tower #1	Chromium VI commonly used as a corrosion inhibitor	6	5					6	
	7351-033-017	Neutralizing basin	Details on use unknown	2	15	2	2	2			2
		C5 tank	Possible VOC source	1	10	1	1				
		Crude Isoprene tank		1	10	1	1				
		Slop oil tank	Oil storage - possible PAH source	1	5		1				
		Cooling Tower	Chromium VI commonly used as a corrosion inhibitor	2	5					2	
	7351-033-017/-034	Pipelines/laboratory and adjacent area of soil contamination	Known release area, with heavily stained soil (VOCs previously tested for)	18	15		18				
	7351-033-026	Fuel oil tank	Fuel storage - VOCs previously tested for	1	5		1				
	7351-033-022	Lean oil storage tanks (2)	Oil storage - possible PAH source	2	5		2				
	<b>TOTALS</b>			<b>178</b>		<b>88</b>	<b>143</b>	<b>43</b>	<b>38</b>	<b>19</b>	<b>3</b>

**TABLE 10**  
**SUMMARY OF SCREENING CRITERIA**

Media	Analyte Class	Detected Analytes	Data Evaluation Screening Criteria		
			Concentration	Units	Type
Shallow Soil Gas	VOCs	1,1,1-Trichloroethane	10500	ppmv	Threshold Value
		1,1,2,2-Tetrachloroethane	None		
		1,1-Dichloroethane	50	ppmv	Threshold Value
		1,1-Dichloroethene	30	ppmv	Threshold Value
		1,2,4-Trichlorobenzene	None		
		1,2,4-Trimethylbenzene	None		
		1,2-Dibromoethane (EDB)	3.9	ppmv	Threshold Value
		1,2-Dichlorobenzene	None		
		1,3,5-Trimethylbenzene	None		
		1,4-Dichlorobenzene	None		
		2-Hexanone	None		
		4-Ethyl Toluene	None		
		Acetone	None		
		Acetonitrile	1200	ppmv	Threshold Value
		Benzene	30	ppmv	Threshold Value
		Carbon Tetrachloride	None		
		Carbon disulfide	None		
		Chloroethane	None		
		Chloroform	60	ppmv	Threshold Value
		Chloromethane	None		
		Cyclohexane	9000	ppmv	Threshold Value
		Dichlorobromomethane	None		
		Ethanol	None		
		Ethylbenzene	3000	ppmv	Threshold Value
		Freon 11	None		
		Freon 113	None		
		Freon 114	None		
		Freon 12	None		
		Heptane	None		
		Isopropanol	None		
		Methyl Ethyl Ketone	6000	ppmv	Threshold Value
		Methyl isobutyl ketone (MIBK)	None		
		Methylene chloride	1500	ppmv	Threshold Value
		Styrene	1500	ppmv	Threshold Value
		Tetrachloroethene	3000	ppmv	Threshold Value
		Toluene	3000	ppmv	Threshold Value
		Trichloroethene	3000	ppmv	Threshold Value
		Xylenes (Total)	3000	ppmv	Threshold Value
		cis-1,2-Dichloroethene	6000	ppmv	Threshold Value
		n-Hexane	None		
Surface and Shallow Soil (0-15')	VOCs	1,1-Dichloroethane	2.8	mg/kg	Residential PRG
		1,2,4-Trichlorobenzene	62	mg/kg	Residential PRG
		1,2,4-Trimethylbenzene	52	mg/kg	Residential PRG
		1,3,5-Trimethylbenzene	21	mg/kg	Residential PRG
		2-Hexanone	None		
		Acetone	14000	mg/kg	Residential PRG
		Benzene	0.64	mg/kg	Residential PRG
		Carbon disulfide	360	mg/kg	Residential PRG
		Chloroform	0.94	mg/kg	Residential PRG
		Cyclohexane	140	mg/kg	Residential PRG

**TABLE 10**  
**SUMMARY OF SCREENING CRITERIA**

Media	Analyte Class	Detected Analytes	Data Evaluation Screening Criteria		
			Concentration	Units	Type
Surface and Shallow Soil (0-15')	VOCs	Ethylbenzene	400	mg/kg	Residential PRG
		Isopropylbenzene	570	mg/kg	Residential PRG
		Methyl Ethyl Ketone	22000	mg/kg	Residential PRG
		Methyl isobutyl ketone (MIBK)	5300	mg/kg	Residential PRG
		Methyl tert-butyl ether	32	mg/kg	Residential PRG
		Styrene	1700	mg/kg	Residential PRG
		Tetrachloroethene	0.48	mg/kg	Residential PRG
		Toluene	520	mg/kg	Residential PRG
		Trichloroethene	2.9	mg/kg	Residential PRG
		Xylenes (Total)	270	mg/kg	Residential PRG
		cis-1,2-Dichloroethene	43	mg/kg	Residential PRG
		n-Butylbenzene	240	mg/kg	Residential PRG
		n-Propylbenzene	240	mg/kg	Residential PRG
		p-Isopropyltoluene	None		
	SVOCs/PAHs	sec-Butylbenzene	220	mg/kg	Residential PRG
		tert-Butylbenzene	390	mg/kg	Residential PRG
		2-Methylnaphthalene	190	mg/kg	Surrogate PRG
		Acenaphthene	29000	mg/kg	Industrial PRG
		Acenaphthylene	29000	mg/kg	Surrogate PRG
	Pest./PCBs	Anthracene	100000	mg/kg	Industrial PRG
		Benzo(a)anthracene	2.1	mg/kg	Industrial PRG
		Benzo(a)pyrene	0.21	mg/kg	Industrial PRG
		Benzo(b)fluoranthene	2.1	mg/kg	Industrial PRG
		Benzo(g,h,i)perylene	29000	mg/kg	Surrogate PRG
		Benzo(k)fluoranthene	1.3	mg/kg	Industrial PRG
		Bis(2-ethylhexyl)phthalate	35	mg/kg	Residential PRG
		Butylbenzylphthalate	12000	mg/kg	Residential PRG
		Chrysene	13	mg/kg	Industrial PRG
		Di-n-butylphthalate	6100	mg/kg	Residential PRG
		Dibenzo(a,h)anthracene	0.21	mg/kg	Industrial PRG
		Fluoranthene	22000	mg/kg	Industrial PRG
		Fluorene	26000	mg/kg	Industrial PRG
		Indeno(1,2,3-c,d)pyrene	2.1	mg/kg	Industrial PRG
	Metals	N-Nitrosodiphenylamine	99	mg/kg	Residential PRG
		Naphthalene	4.2	mg/kg	Industrial PRG
		Phenanthrene	29000	mg/kg	Surrogate PRG
		Pyrene	29000	mg/kg	Industrial PRG
		4,4'-DDD	2.4	mg/kg	Residential PRG
		4,4'-DDE	1.7	mg/kg	Residential PRG
		4,4'-DDT	1.7	mg/kg	Residential PRG
		Aroclor 1260	0.22	mg/kg	Residential PRG
		Dieldrin	0.030	mg/kg	Residential PRG

**TABLE 10**  
**SUMMARY OF SCREENING CRITERIA**

Media	Analyte Class	Detected Analytes	Data Evaluation Screening Criteria		
			Concentration	Units	Type
Surface and Shallow Soil (0-15')	Metals	Cr (Hex)	30	mg/kg	Residential PRG
		Cu	3100	mg/kg	Residential PRG
		Fe	43000	mg/kg	Background
		Hg	23	mg/kg	Residential PRG
		K	None		
		Mg	None		
		Mn	1800	mg/kg	Residential PRG
		Mo	390	mg/kg	Residential PRG
		Na	None		
		Ni	1600	mg/kg	Residential PRG
		Pb	150	mg/kg	Residential PRG
		Sb	31	mg/kg	Residential PRG
		Se	390	mg/kg	Residential PRG
		Tl	5.2	mg/kg	Residential PRG
		V	78	mg/kg	Residential PRG
		Zn	23000	mg/kg	Residential PRG
Deep Soil (> 15')	VOCs	1,2,4-Trimethylbenzene	52	mg/kg	Residential PRG
		1,2-Dichlorobenzene	600	mg/kg	Residential PRG
		1,3-Dichlorobenzene	530	mg/kg	Residential PRG
		Benzene	0.64	mg/kg	Residential PRG
		Ethylbenzene	400	mg/kg	Residential PRG
		Methyl Ethyl Ketone	22000	mg/kg	Residential PRG
		Methylene chloride	9.1	mg/kg	Residential PRG
		Styrene	1700	mg/kg	Residential PRG
		Toluene	520	mg/kg	Residential PRG
		Xylenes (Total)	270	mg/kg	Residential PRG
	SVOCs/PAHs	2-Methylnaphthalene	190	mg/kg	Surrogate PRG
		Di-n-butylphthalate	6100	mg/kg	Residential PRG
		Dimethylphthalate	100000	mg/kg	Residential PRG
		Naphthalene	4.2	mg/kg	Industrial PRG
		Phenanthrene	29000	mg/kg	Surrogate PRG
		Phenol	18000	mg/kg	Residential PRG
		Pyrene	29000	mg/kg	Industrial PRG
	Pest./PCBs	4,4'-DDT	1.7	mg/kg	Residential PRG
	Metals	Al	76000	mg/kg	Residential PRG
		As	10	mg/kg	Background
		Ba	5400	mg/kg	Residential PRG
		Be	150	mg/kg	Residential PRG
		Ca	None		
		Cd	37	mg/kg	Residential PRG
		Co	900	mg/kg	Residential PRG
		Cr	210	mg/kg	Residential PRG
		Cu	3100	mg/kg	Residential PRG
		Fe	43000	mg/kg	Background
		Hg	23	mg/kg	Residential PRG
		K	None		
		Mg	None		
		Mn	1800	mg/kg	Residential PRG
		Na	None		
		Ni	1600	mg/kg	Residential PRG

**TABLE 10**  
**SUMMARY OF SCREENING CRITERIA**

Media	Analyte Class	Detected Analytes	Data Evaluation Screening Criteria		
			Concentration	Units	Type
Deep Soil (> 15')	Metals	Pb	150	mg/kg	Residential PRG
		V	78	mg/kg	Residential PRG
		Zn	23000	mg/kg	Residential PRG
Indoor Air	VOCs	1,1,1-Trichloroethane	2300 / 95000 / 1900000	ug/m3	PRG / (0.05)PEL / PEL
		1,1-Dichloroethane	1.2 / 20000 / 400000	ug/m3	PRG / (0.05)PEL / PEL
		1,1-Dichloroethene	210 / 200 / 4000	ug/m3	PRG / (0.05)PEL / PEL
		Benzene	0.23 / 160000 / 3190000	ug/m3	PRG / (0.05)PEL / PEL
		Chlorobenzene	62 / 2300 / 46000	ug/m3	PRG / (0.05)PEL / PEL
		Chloroform	0.35 / 489 / 9780	ug/m3	PRG / (0.05)PEL / PEL
		Cyclohexane	21000 / 52500 / 1050000	ug/m3	PRG / (0.05)PEL / PEL
		Ethylbenzene	1.7 / 21800 / 435000	ug/m3	PRG / (0.05)PEL / PEL
		Methyl Ethyl Ketone	1000 / 29500 / 590000	ug/m3	PRG / (0.05)PEL / PEL
		Methylene chloride	4.1 / 4350 / 87000	ug/m3	PRG / (0.05)PEL / PEL
		Styrene	1100 / 10800 / 215000	ug/m3	PRG / (0.05)PEL / PEL
		Tetrachloroethene	0.67 / 8500 / 170000	ug/m3	PRG / (0.05)PEL / PEL
		Toluene	400 / 9400 / 188000	ug/m3	PRG / (0.05)PEL / PEL
		Trichloroethene	0.017 / 6750 / 135000	ug/m3	PRG / (0.05)PEL / PEL
		Xylenes (Total)	110 / 21800 / 435000	ug/m3	PRG / (0.05)PEL / PEL
Groundwater	VOCs	1,1,2-Trichloroethane	5	ug/l	Ca MCL
		1,1-Dichloroethane	5	ug/l	Ca MCL
		1,1-Dichloroethene	6	ug/l	Ca MCL
		1,2,4-Trimethylbenzene	None		
		1,2-Dichlorobenzene	600	ug/l	Ca MCL
		1,2-Dichloroethane	0.5	ug/l	Ca MCL
		1,3,5-Trimethylbenzene	None		
		1,3-Dichlorobenzene	None		
		1,4-Dichlorobenzene	5	ug/l	Ca MCL
		Acetone	None		
		Benzene	1	ug/l	Ca MCL
		Chlorobenzene	70	ug/l	Ca MCL
		Chloroethane	None		
		Chloroform	100	ug/l	Ca MCL
		Dichlorobromomethane	100	ug/l	Ca MCL
		Ethylbenzene	700	ug/l	Ca MCL
		Freon 11	150	ug/l	Ca MCL
		Freon 12	None		
		Isopropylbenzene	None		
		Methyl Ethyl Ketone	None		
		Methyl isobutyl ketone (MIBK)	None		
		Methylene chloride	5	ug/l	Ca MCL
		Naphthalene	None		
		Styrene	100	ug/l	Ca MCL
		Tetrachloroethene	5	ug/l	Ca MCL
		Toluene	150	ug/l	Ca MCL
		Trichloroethene	5	ug/l	Ca MCL
		Vinyl chloride	0.5	ug/l	Ca MCL
		Xylenes (Total)	1750	ug/l	Ca MCL
		cis-1,2-Dichloroethene	6	ug/l	Ca MCL
		n-Propylbenzene	None		
		sec-Butylbenzene	None		

**TABLE 10**  
**SUMMARY OF SCREENING CRITERIA**

Media	Analyte Class	Detected Analytes	Data Evaluation Screening Criteria		
			Concentration	Units	Type
Groundwater	VOCs	tert-Butylbenzene	None		
		trans-1,2-Dichloroethene	10	ug/l	Ca MCL

Threshold value is the concentration for each compound at which there is a potential for significant exposure through an indoor air pathway in an adjacent building. Indoor air monitoring was completed at buildings adjacent to locations where threshold values were exceeded, as possible.

PRG - EPA Region IX Preliminary Remediation Goals

Ca MCLs - California Drinking Water Maximum Contaminant Levels

PEL - Permissible Exposure Limits

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SG-01	I8	5	Benzene	4.0	
		13	Benzene	2,200	=> 5ppmv \ Threshold(30)
SG-02	I8	13	Benzene	530	=> 5ppmv \ Threshold(30)
SG-03	I8	5	Benzene	4.0	
SG-04	I8	5	Benzene	53	=> 5ppmv \ Threshold(30)
		13	Benzene	4,100	=> 5ppmv \ Threshold(30)
SG-05	I8	5	Benzene	310	=> 5ppmv \ Threshold(30)
		13	Benzene	600	=> 5ppmv \ Threshold(30)
SG-06	I8	5	Benzene	560	=> 5ppmv \ Threshold(30)
		13	Benzene	720	=> 5ppmv \ Threshold(30)
SG-07	I8	5	Benzene	31	=> 5ppmv \ Threshold(30)
SG-08	I8	5	Benzene	31	=> 5ppmv \ Threshold(30)
		13	Benzene	13	=> 5ppmv
SG-09	I8	5	Benzene	100	=> 5ppmv \ Threshold(30)
SG-10	I8	5	Benzene	18	=> 5ppmv
SG-11	I8	5	Benzene	2.0	
SG-12	I8	5	Benzene	13	=> 5ppmv
SG-13	I8	5	Benzene	11	=> 5ppmv
SG-14	I8	5	Benzene	3.0	
SG-15	I8	5	Benzene	4.0	
SG-16	I8	5	Benzene	2.0	
SG-17	I8	5	Benzene	6.0	=> 5ppmv
SG-18	I8	5	Benzene	8.0	=> 5ppmv
		13	Benzene	29	=> 5ppmv
SG-19	I8	5	Benzene	4.0	
SG-20	I8	5	Benzene	4.0	
SG-22	I8	5	Benzene	8.0	=> 5ppmv
		13	Benzene	34	=> 5ppmv \ Threshold(30)
SG-23	I8	5	Benzene	31	=> 5ppmv \ Threshold(30)
		13	Benzene	18	=> 5ppmv
SG-24	I8	5	Benzene	22	=> 5ppmv
SG-25	I8	5	Benzene	16	=> 5ppmv
SG-27	I8	5	Benzene	12	=> 5ppmv
SG-28	I8	5	Benzene	6.0	=> 5ppmv
SGL0001	F3	6	Ethylbenzene	1.9	
SGL0002	F3	6	1,1,1-Trichloroethane	0.0023	
			1,2,4-Trimethylbenzene	0.031	
			1,3,5-Trimethylbenzene	0.011	
			2-Hexanone	0.040	
			4-Ethyl Toluene	0.033	
			Acetone	0.090	
			Benzene	0.031	
			Ethylbenzene	0.040	
			Methyl Ethyl Ketone	0.017	
			Styrene	0.0031	
			Tetrachloroethene	0.0014	
			Toluene	0.049	
SGL0003	F3	6	Xylenes (Total)	0.11	
			Tetrachloroethene	0.0068	
SGL0004	F3	6	1,1,1-Trichloroethane	0.0088	
			1,2,4-Trimethylbenzene	0.024	
			1,3,5-Trimethylbenzene	0.0085	

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SGL0004	F3	6	1,4-Dichlorobenzene	0.0013	
			4-Ethyl Toluene	0.028	
			Acetone	0.015	
			Benzene	0.055	
			Ethylbenzene	0.021	
			Methyl Ethyl Ketone	0.0066	
			Tetrachloroethene	0.0014	
			Toluene	0.14	
			Xylenes (Total)	0.10	
SGL0005	F3	3	1,1,1-Trichloroethane	0.011	
			1,2,4-Trimethylbenzene	0.023	
			1,3,5-Trimethylbenzene	0.0054	
			2-Hexanone	0.021	
			4-Ethyl Toluene	0.016	
			Acetone	0.045	
			Benzene	0.032	
			Ethylbenzene	0.74	
			Methyl Ethyl Ketone	0.0089	
			Styrene	0.10	
		6	Tetrachloroethene	0.0018	
			Toluene	0.14	
			Xylenes (Total)	0.058	
			1,2-Dichlorobenzene	45	=> 5ppmv
			1,4-Dichlorobenzene	37	=> 5ppmv
SGL0006	F3	6	Benzene	120	=> 5ppmv \ Threshold(30)
			Ethylbenzene	18,000	=> 5ppmv \ Threshold(3000)
			Styrene	1,900	=> 5ppmv \ Threshold(1500)
SGL0007	F3	3	Toluene	320	=> 5ppmv
			1,1,1-Trichloroethane	0.012	
			Tetrachloroethene	0.012	
SGL0008	F3	3	Trichloroethene	0.012	
			Ethylbenzene	2.3	
			Tetrachloroethene	0.0081	
		6	Trichloroethene	0.010	
			Ethylbenzene	230	=> 5ppmv
SGL0009	F3	3	Ethylbenzene	2.6	
			Tetrachloroethene	0.0095	
			Trichloroethene	0.0085	
		6	1,1,1-Trichloroethane	0.017	
			Ethylbenzene	30	=> 5ppmv
			Tetrachloroethene	0.019	
			Trichloroethene	0.015	
SGL0010	F3	6	Ethylbenzene	0.17	
			Toluene	0.13	
SGL0011	F3	6	1,1,1-Trichloroethane	0.0050	
			Ethylbenzene	3.3	
			Tetrachloroethene	0.0055	
			Trichloroethene	0.0068	

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SGL0011	F3	6	Benzene	0.018	
			Ethylbenzene	0.072	
			Toluene	0.022	
			Xylenes (Total)	0.018	
SGL0012	G3	6	Tetrachloroethene	0.022	
SGL0013	G4	6	1,1,1-Trichloroethane	0.014	
			1,2,4-Trimethylbenzene	0.010	
			1,3,5-Trimethylbenzene	0.0031	
			4-Ethyl Toluene	0.012	
			Benzene	0.037	
			Chloroform	0.0094	
			Ethylbenzene	0.85	
			Freon 11	0.0076	
			Styrene	0.095	
			Tetrachloroethene	0.012	
			Toluene	0.055	
			Xylenes (Total)	0.055	
SGL0014	G4	3	1,1,1-Trichloroethane	0.0036	
			1,2,4-Trimethylbenzene	0.0061	
			1,3,5-Trimethylbenzene	0.0019	
			4-Ethyl Toluene	0.0047	
			Benzene	0.019	
			Ethylbenzene	0.24	
			Styrene	0.022	
			Toluene	0.023	
			Xylenes (Total)	0.020	
		6	Ethylbenzene	15	=> 5ppmv
			Styrene	1.7	
			Toluene	0.46	
SGL0015	G4	6	Tetrachloroethene	0.0041	
SGL0016	F4	6	1,1,1-Trichloroethane	0.0024	
			1,2,4-Trimethylbenzene	0.0020	
			4-Ethyl Toluene	0.0017	
			Benzene	0.0069	
			Ethylbenzene	0.36	
			Styrene	0.029	
			Toluene	0.011	
			Xylenes (Total)	0.0025	
SGL0017	F4	6	Ethylbenzene	2.7	
			Styrene	0.29	
SGL0018	F4	6	Ethylbenzene	2.3	
			Styrene	0.20	
SGL0019	F4	6	Benzene	0.15	
			Ethylbenzene	11	=> 5ppmv
			Styrene	0.77	
			Tetrachloroethene	0.0041	
			Toluene	0.46	
			Trichloroethene	0.0034	
SGL0020	F4	6	1,1,1-Trichloroethane	0.0034	
			Tetrachloroethene	0.0041	
SGL0036	G3	3	Benzene	150	=> 5ppmv \ Threshold(30)
			Ethylbenzene	120	=> 5ppmv

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SGL0036	G3	3	Toluene	3.2	
		6	Benzene	2,100	=> 5ppmv \ Threshold(30)
			Chloroform	0.025	
			Ethylbenzene	9,700	=> 5ppmv \ Threshold(3000)
			Styrene	12	=> 5ppmv
			Toluene	190	=> 5ppmv
			Trichloroethene	0.015	
SGL0037	G3	5	Benzene	3.4	
			Ethylbenzene	11	=> 5ppmv
SGL0038	G3	6	Benzene	23	=> 5ppmv
			Ethylbenzene	19	=> 5ppmv
			Toluene	0.37	
SGL0040	F3	1	Tetrachloroethene	16	=> 5ppmv
			Trichloroethene	0.022	
		3	Tetrachloroethene	10	=> 5ppmv
			Trichloroethene	0.11	
		6	Benzene	3.2	
			Ethylbenzene	4.3	
			Tetrachloroethene	2.9	
			Trichloroethene	0.026	
SGL0041	F3	2	All Analytes	ND	
		5	All Analytes	ND	
SGL0042	F3	5	All Analytes	ND	
SGL0043	F3	1.5	Ethylbenzene	0.40	
			Tetrachloroethene	5.3	=> 5ppmv
		3	Benzene	72	=> 5ppmv \ Threshold(30)
			Ethylbenzene	25	=> 5ppmv
			Styrene	4.5	
			Tetrachloroethene	9.0	=> 5ppmv
			Toluene	0.75	
			Trichloroethene	0.024	
		5	Benzene	130	=> 5ppmv \ Threshold(30)
			Ethylbenzene	55	=> 5ppmv
			Styrene	2.6	
			Tetrachloroethene	5.1	=> 5ppmv
SGL0045	F3	1.5	Toluene	1.4	
			Trichloroethene	0.043	
			1,1,1-Trichloroethane	0.035	
			Chloroform	0.035	
			Styrene	0.17	
			Tetrachloroethene	24	=> 5ppmv
			Trichloroethene	0.13	
		3	1,1,1-Trichloroethane	0.040	
			Chloroform	0.039	
			Tetrachloroethene	25	=> 5ppmv
			Trichloroethene	0.19	
		6	1,1,1-Trichloroethane	0.026	
SGL0046	F3		Tetrachloroethene	19	=> 5ppmv
			Trichloroethene	0.17	
		1.5	Tetrachloroethene	0.15	
		3	1,1,1-Trichloroethane	0.031	
			Ethylbenzene	0.090	

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SGL0046	F3	3	Styrene	0.17	
			Tetrachloroethene	0.12	
		6	All Analytes	ND	
SGL0047	F3	1.5	1,1,1-Trichloroethane	0.015	
			Tetrachloroethene	19	=> 5ppmv
			Trichloroethene	0.069	
		3	Benzene	1.9	
			Ethylbenzene	1.6	
			Tetrachloroethene	0.23	
		6	1,1,1-Trichloroethane	0.0070	
			Tetrachloroethene	0.010	
SGL0048	G3	9.8	1,1,1-Trichloroethane	0.011	
			Benzene	480	=> 5ppmv \ Threshold(30)
			Ethylbenzene	1,500	=> 5ppmv
			Styrene	4.0	
			Toluene	14	=> 5ppmv
			Trichloroethene	0.015	
SGL0049	G3	5	Benzene	1,700	=> 5ppmv \ Threshold(30)
			Ethylbenzene	540	=> 5ppmv
			Styrene	1.0	
			Tetrachloroethene	0.024	
			Toluene	1.4	
		10	Ethylbenzene	3.2	
			Tetrachloroethene	0.010	
SGL0050	G3	5	1,1,1-Trichloroethane	0.011	
			Benzene	32	=> 5ppmv \ Threshold(30)
			Ethylbenzene	25	=> 5ppmv
			Tetrachloroethene	0.18	
			Toluene	0.29	
SGL0051	F3	10	Benzene	27	=> 5ppmv
			Ethylbenzene	19	=> 5ppmv
			Tetrachloroethene	0.24	
			Toluene	0.35	
SGL0052	F3	10	Benzene	16	=> 5ppmv
			Ethylbenzene	6.2	=> 5ppmv
			Tetrachloroethene	0.080	
			Toluene	0.19	
SGL0053	F3	10	1,1,1-Trichloroethane	0.020	
			Tetrachloroethene	2.5	
SGL0054	F3	10	Benzene	23	=> 5ppmv
			Ethylbenzene	1.0	
			Tetrachloroethene	0.31	
			Toluene	0.24	
SGL0055	F3	10	1,1,1-Trichloroethane	0.016	
			Benzene	23	=> 5ppmv
			Ethylbenzene	11	=> 5ppmv
			Tetrachloroethene	0.24	
			Toluene	0.24	
SGL0056	F3	10	1,1,1-Trichloroethane	0.018	
			Benzene	31	=> 5ppmv \ Threshold(30)
			Ethylbenzene	21	=> 5ppmv
			Tetrachloroethene	2.6	

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SGL0056	F3	10	Toluene	0.24	
SGL0057	F3	10	Benzene	5.6	=> 5ppmv
			Ethylbenzene	5.5	=> 5ppmv
			Tetrachloroethene	0.16	
			Toluene	0.40	
SGL0058	F3	10	Tetrachloroethene	0.17	
SGL0059	F3	10	Benzene	4.1	
			Ethylbenzene	5.8	=> 5ppmv
			Tetrachloroethene	0.13	
SGL0060	F3	10	All Analytes	ND	
SGL0061	F3	10	Benzene	1.2	
			Ethylbenzene	2.1	
			Tetrachloroethene	0.022	
SGL0062	F3	10	Benzene	1.6	
			Ethylbenzene	0.96	
SGL0063	F3	10	Benzene	0.79	
			Ethylbenzene	0.32	
SGL0064	F3	10	Benzene	1.2	
			Ethylbenzene	0.53	
			Tetrachloroethene	0.12	
SGL0065	F3	10	Tetrachloroethene	0.16	
			Trichloroethene	0.061	
SGL0066	F3	10	Benzene	2.2	
			Ethylbenzene	0.96	
			Tetrachloroethene	0.47	
			Trichloroethene	0.021	
SGL0067	F3	10	Benzene	560	=> 5ppmv \ Threshold(30)
			Ethylbenzene	1,000	=> 5ppmv
			Tetrachloroethene	0.12	
SGL0068	F3	10	Benzene	0.19	
			Chloroform	0.016	
			Ethylbenzene	1.2	
			Tetrachloroethene	0.013	
			Trichloroethene	0.13	
SGL0069	F3	10	Tetrachloroethene	0.059	
SGL0070	F3	10	1,1,1-Trichloroethane	1.3	
			1,1-Dichloroethene	1.5	
			Chloroform	0.023	
			Tetrachloroethene	0.32	
			Trichloroethene	0.56	
SGL0071	F3	10	Benzene	37	=> 5ppmv \ Threshold(30)
			Chloroform	0.021	
			Ethylbenzene	15	=> 5ppmv
			Styrene	7.9	=> 5ppmv
			Tetrachloroethene	0.64	
			Toluene	20	=> 5ppmv
			Trichloroethene	0.017	
SGL0072	F3	10	Benzene	190	=> 5ppmv \ Threshold(30)
			Chloroform	0.029	
			Ethylbenzene	930	=> 5ppmv
			Styrene	12	=> 5ppmv
			Tetrachloroethene	0.18	

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SGL0072	F3	10	Toluene	410	=> 5ppmv
SGL0073	F3	10	Benzene	2.2	
			Ethylbenzene	9.1	=> 5ppmv
			Styrene	0.18	
			Tetrachloroethene	0.0090	
			Toluene	4.2	
SGL0074	F3	10	1,1,1-Trichloroethane	0.22	
			Ethylbenzene	0.49	
			Tetrachloroethene	1.1	
			Toluene	0.15	
			Trichloroethene	0.021	
SGL0075	F3	10	1,1,1-Trichloroethane	0.013	
			Ethylbenzene	0.22	
			Tetrachloroethene	0.27	
			Toluene	0.082	
			Trichloroethene	0.017	
SGL0076	F3	10	Benzene	1.1	
			Ethylbenzene	9.6	=> 5ppmv
			Styrene	6.4	=> 5ppmv
			Tetrachloroethene	0.64	
			Toluene	1.4	
SGL0077	F3	6	Tetrachloroethene	12	=> 5ppmv
			Toluene	0.28	
SGL0078	F3	6	Tetrachloroethene	4.6	
SGL0079	F3	6	Ethylbenzene	0.26	
SGL0080	F3	6	Tetrachloroethene	0.037	
SGL0081	G3	6	Tetrachloroethene	0.19	
SGL0082	G3	6	Ethylbenzene	1.1	
			Tetrachloroethene	0.15	
SGL0083	G3	6	Tetrachloroethene	18	=> 5ppmv
			Trichloroethene	0.034	
SGL0084	G3	6	Tetrachloroethene	13	=> 5ppmv
			Trichloroethene	0.048	
SGL0085	G3	6	All Analytes	ND	
SGL0086	G3	6	All Analytes	ND	
SGL0087	G3	6	All Analytes	ND	
SGL0088	F3	6	Ethylbenzene	0.61	
			Tetrachloroethene	0.52	
SGL0089	F3	6	Benzene	1.3	
SGL0090	F3	6	Benzene	120	=> 5ppmv \ Threshold(30)
			Ethylbenzene	1,800	=> 5ppmv
			Tetrachloroethene	0.010	
			Toluene	95	=> 5ppmv
SGL0091	F3	6	Benzene	3.6	
			Tetrachloroethene	0.24	
			Toluene	2.6	
SGL0092	F3	6	Tetrachloroethene	0.022	
SGL0093	F3	10	All Analytes	ND	
SGL0094	F3	10	All Analytes	ND	
SGL0095	F3	10	All Analytes	ND	
SGL0096	F3	10	1,1,1-Trichloroethane	0.089	
			1,1-Dichloroethene	0.61	

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SGL0096	F3	10	1,2,4-Trimethylbenzene	0.012	
			4-Ethyl Toluene	0.0087	
			Acetone	0.027	
			Benzene	0.025	
			Ethylbenzene	0.018	
			Freon 11	0.0031	
			Freon 113	0.0032	
			Tetrachloroethene	0.041	
			Toluene	0.019	
			Trichloroethene	0.027	
			Xylenes (Total)	0.034	
SGL0097	F3	10	All Analytes	ND	
SGL0098	F3	10	All Analytes	ND	
SGL0099	F3	10	1,1,1-Trichloroethane	0.017	
			Tetrachloroethene	0.011	
			Trichloroethene	0.011	
SGL0100	F3	10	All Analytes	ND	
SGL0101	F3	10	Tetrachloroethene	0.0060	
SGL0102	F3	10	Ethylbenzene	2,200	=> 5ppmv
			Styrene	99	=> 5ppmv
SGL0103	F3	10	Benzene	0.44	
			Ethylbenzene	56	=> 5ppmv
			Styrene	1.5	
			Toluene	0.49	
SGL0104	F3	10	Benzene	0.22	
			Ethylbenzene	30	=> 5ppmv
			Styrene	0.76	
			Toluene	0.26	
SGL0105	F3	10	Benzene	0.12	
			Ethylbenzene	18	=> 5ppmv
			Styrene	0.52	
			Toluene	0.14	
SGL0106	F3	10	Benzene	0.19	
			Ethylbenzene	29	=> 5ppmv
			Styrene	0.84	
			Toluene	0.25	
SGL0107	F3	10	Benzene	0.088	
			Ethylbenzene	9.8	=> 5ppmv
			Styrene	0.28	
			Toluene	0.018	
SGL0108	D7	9.5	All Analytes	ND	
SGL0109	D7	9.5	1,2,4-Trimethylbenzene	0.0027	
			4-Ethyl Toluene	0.0014	
			Acetone	0.0040	
			Freon 11	0.0066	
			Freon 113	0.022	
			Methyl Ethyl Ketone	0.0027	
			Methylene chloride	0.0019	
			Tetrachloroethene	0.012	
			Toluene	0.0015	
			Xylenes (Total)	0.0032	
SGL0110	D7	9.5	All Analytes	ND	

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SGL0111	F3	10	Benzene	0.029	
			Ethylbenzene	6.2	=> 5ppmv
			Styrene	0.19	
			Toluene	0.055	
SGL0112	F3	10	Benzene	0.047	
			Ethylbenzene	10	=> 5ppmv
			Styrene	0.45	
			Toluene	0.053	
SGL0113	F3	10	Benzene	0.024	
			Ethylbenzene	3.7	
			Styrene	0.12	
			Toluene	0.033	
SGL0114	F3	10	Ethylbenzene	2.7	
			Styrene	0.095	
			Toluene	0.022	
SGL0115	F3	10	Ethylbenzene	4.3	
			Styrene	0.17	
			Toluene	0.025	
SGL0116	F3	8	Ethylbenzene	0.034	
SGL0117	F3	10	All Analytes	ND	
SGL0118	F3	10	Ethylbenzene	0.92	
			Styrene	0.053	
SGL0119	F3	9	Tetrachloroethene	0.0060	
SGL0120	F3	10	1,1,1-Trichloroethane	0.013	
SGL0121	F3	10	Benzene	0.032	
			Ethylbenzene	5.3	=> 5ppmv
			Styrene	0.22	
			Toluene	0.039	
SGL0122	F3	10	Ethylbenzene	1.9	
			Styrene	0.062	
SGL0123	F3	10	1,1,1-Trichloroethane	0.0080	
SGL0124	F3	10	1,1,1-Trichloroethane	0.030	
			Benzene	0.089	
			Ethylbenzene	6.0	=> 5ppmv
			Styrene	0.20	
			Toluene	0.079	
SGL0125	F3	10	Ethylbenzene	0.24	
SGL0126	F3	10	Benzene	0.027	
			Ethylbenzene	1.7	
			Styrene	0.033	
			Toluene	0.020	
SGL0127	F3	10	All Analytes	ND	
SGL0128	F3	10	1,1,1-Trichloroethane	0.019	
SGL0129	F3	10	1,1,1-Trichloroethane	0.016	
			Ethylbenzene	0.47	
			Styrene	0.020	
			Toluene	0.092	
SGL0130	F3	10	1,1,1-Trichloroethane	0.021	
			Ethylbenzene	1.2	
			Styrene	0.036	
			Toluene	0.017	
SGL0131	F3	10	Ethylbenzene	0.072	

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SGL0131	F3	10	Tetrachloroethene	0.047	
SGL0132	F3	10	Benzene	0.019	
			Ethylbenzene	1.6	
			Styrene	0.042	
			Toluene	0.017	
SGL0133	F3	8	1,2,4-Trimethylbenzene	0.0048	
			1,3,5-Trimethylbenzene	0.0042	
			Ethylbenzene	0.015	
			Tetrachloroethene	0.25	
			Xylenes (Total)	0.0047	
SGL0134	F3	10	Ethylbenzene	0.31	
			Styrene	0.015	
SGL0135	F3	10	All Analytes	ND	
SGL0136	F3	10	Ethylbenzene	1.1	
			Styrene	0.032	
SGL0137	F3	10	Ethylbenzene	0.49	
			Styrene	0.020	
SGL0138	F3	10	Ethylbenzene	1.4	
			Styrene	0.034	
SGL0139	F3	8	All Analytes	ND	
SGL0140	F3	10	Ethylbenzene	0.68	
			Styrene	0.021	
SGL0141	F3	9	1,2,4-Trimethylbenzene	0.0032	
			4-Ethyl Toluene	0.0022	
			Acetone	0.0059	
			Benzene	0.0010	
			Ethylbenzene	0.0074	
			Toluene	0.029	
			Xylenes (Total)	0.023	
SGL0142	F3	10	All Analytes	ND	
SGL0143	G3	6.5	1,1,1-Trichloroethane	0.051	
			1,2,4-Trimethylbenzene	0.010	
			1,3,5-Trimethylbenzene	0.0032	
			4-Ethyl Toluene	0.0079	
			Acetone	0.014	
			Benzene	0.032	
			Ethylbenzene	0.36	
			Tetrachloroethene	0.0036	
			Toluene	0.013	
			Trichloroethene	0.70	
SGL0144	G3	6.5	Xylenes (Total)	0.029	
			Benzene	0.050	
SGL0145	G3	6.5	Ethylbenzene	0.12	
			All Analytes	ND	
SGL0146	G3	6.5	Ethylbenzene	0.070	
SGL0147	G3	6.5	All Analytes	ND	
SGL0148	G3	6.5	All Analytes	ND	
SGL0149	G3	6.5	All Analytes	ND	
SGL0150	G3	6.5	All Analytes	ND	
SGL0151	G3	6.5	All Analytes	ND	
SGL0152	G3	6	1,1,1-Trichloroethane	0.016	
			Freon 11	0.0032	

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SGL0152	G3	6	Tetrachloroethene	0.079	
			Xylenes (Total)	0.0023	
		6.5	All Analytes	ND	
SGL0153	G3	6.5	All Analytes	ND	
SGL0154	G3	6.5	Benzene	0.070	
			Ethylbenzene	0.080	
			Toluene	0.12	
			Xylenes (Total)	0.090	
SGL0155	G7	6.5	All Analytes	ND	
SGL0156	G7	6.5	Ethylbenzene	0.14	
			Toluene	0.070	
			Xylenes (Total)	0.080	
SGL0157	G8	6.5	Benzene	0.050	
			Ethylbenzene	0.11	
			Toluene	0.080	
			Xylenes (Total)	0.070	
SGL0158	G8	6.5	Benzene	0.070	
			Ethylbenzene	0.18	
			Toluene	0.090	
			Xylenes (Total)	0.080	
SGL0159	G8	6.5	Ethylbenzene	0.10	
			Toluene	0.090	
			Xylenes (Total)	0.070	
SGL0160	G8	6.5	Benzene	0.050	
			Ethylbenzene	0.060	
			Toluene	0.10	
SGL0161	G8	6.5	All Analytes	ND	
SGL0162	G8	6.5	All Analytes	ND	
SGL0163	G8	6.5	All Analytes	ND	
SGL0164	G7	6.5	All Analytes	ND	
SGL0165	G8	6.5	All Analytes	ND	
SGL0166	G7	6.5	All Analytes	ND	
SGL0167	G7	6.5	All Analytes	ND	
SGL0168	G7	6.5	All Analytes	ND	
SGL0169	G7	6.5	All Analytes	ND	
SGL0170	G7	6.5	All Analytes	ND	
SGL0171	G7	6.5	All Analytes	ND	
SGL0172	G7	6	1,1,1-Trichloroethane	0.0017	
			1,2,4-Trimethylbenzene	0.0049	
			4-Ethyl Toluene	0.0032	
			Acetone	0.011	
			Acetonitrile	0.031	
			Benzene	0.0043	
			Ethylbenzene	0.0025	
			Freon 11	0.010	
			Methyl Ethyl Ketone	0.0037	
			Styrene	0.0014	
			Tetrachloroethene	0.0072	
			Toluene	0.0050	
SGL0173	G7	6.5	Xylenes (Total)	0.0081	
			All Analytes	ND	
SGL0174	G7	6.5	All Analytes	ND	

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SGL0175	G7	6.5	All Analytes	ND	
SGL0176	G7	6.5	All Analytes	ND	
SGL0177	G7	6.5	All Analytes	ND	
SGL0178	F8	6.5	All Analytes	ND	
SGL0179	F8	6.5	All Analytes	ND	
SGL0180	I8	6.5	All Analytes	ND	
SGL0181	I8	6.5	All Analytes	ND	
SGL0182	I8	6.5	All Analytes	ND	
SGL0183	I8	6.5	1,1,1-Trichloroethane	0.0022	
			1,2,4-Trimethylbenzene	0.016	
			1,3,5-Trimethylbenzene	0.0044	
			4-Ethyl Toluene	0.013	
			Acetone	0.011	
			Acetonitrile	0.011	
			Benzene	0.034	
			Ethylbenzene	0.019	
			Methyl Ethyl Ketone	0.0029	
			Methylene chloride	0.0016	
			Styrene	0.0028	
			Tetrachloroethene	0.0072	
			Toluene	0.047	
			Trichloroethene	0.0080	
			Xylenes (Total)	0.053	
SGL0184	I8	6.5	All Analytes	ND	
SGL0185	I8	6.5	All Analytes	ND	
SGL0187	B2	6.5	All Analytes	ND	
SGL0188	B2	6	1,2,4-Trimethylbenzene	0.0014	
			Acetone	0.0047	
			Freon 113	0.0013	
			Tetrachloroethene	0.010	
			Toluene	0.0016	
			Xylenes (Total)	0.0021	
SGL0189	B2	6.5	All Analytes	ND	
SGL0190	B3	6.5	All Analytes	ND	
SGL0191	B3	6.5	All Analytes	ND	
SGL0192	B3	5.5	All Analytes	ND	
SGL0193	B3	6	All Analytes	ND	
SGL0194	A4	6.5	1,1,1-Trichloroethane	0.011	
			1,2,4-Trimethylbenzene	0.0038	
			4-Ethyl Toluene	0.0026	
			Acetone	0.011	
			Acetonitrile	0.015	
			Benzene	0.0096	
			Ethylbenzene	0.0053	
			Freon 11	0.0045	
			Methyl Ethyl Ketone	0.0024	
			Styrene	0.0024	
			Tetrachloroethene	0.0048	
			Toluene	0.0073	
			Xylenes (Total)	0.0068	
SGL0195	A4	6.5	All Analytes	ND	
SGL0196	B4	6.5	All Analytes	ND	

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SGL0197	B4	6.5	All Analytes	ND	
SGL0198	B4	6.5	All Analytes	ND	
SGL0199	B4	6.5	All Analytes	ND	
SGL0200	B4	6.5	All Analytes	ND	
SGL0201	C4	6.5	All Analytes	ND	
SGL0202	C4	6.5	All Analytes	ND	
SGL0203	C4	6.5	All Analytes	ND	
SGL0204	C4	6.5	All Analytes	ND	
SGL0205	B5	6.5	All Analytes	ND	
SGL0210	H3	6.5	All Analytes	ND	
SGL0211	H3	6	All Analytes	ND	
SGL0212	H3	6.5	All Analytes	ND	
SGL0213	H3	6.5	All Analytes	ND	
SGL0214	H3	6	All Analytes	ND	
SGL0215	H3	6	All Analytes	ND	
SGL0216	H3	6	All Analytes	ND	
SGL0217	B4	6.5	Benzene	0.19	
			Cyclohexane	1.1	
			Ethylbenzene	0.84	
SGL0218	B4	6.5	All Analytes	ND	
SGL0219	B4	6.5	All Analytes	ND	
SGL0220	B5	6.5	All Analytes	ND	
SGL0221	F3	6.5	All Analytes	ND	
SGL0222	F3	6.5	All Analytes	ND	
SGL0223	F3	6.5	All Analytes	ND	
SGL0224	F3	6.5	Cyclohexane	0.12	
SGL0225	F3	6.5	Toluene	0.080	
			Xylenes (Total)	0.080	
SGL0226	F3	6.5	All Analytes	ND	
SGL0227	F3	6.5	All Analytes	ND	
SGL0229	F3	6.5	Ethylbenzene	0.080	
SGL0231	F3	6.5	Benzene	0.14	
			Cyclohexane	2.1	
			Ethylbenzene	0.35	
SGL0232	F3	6.5	All Analytes	ND	
SGL0234	F3	6.5	All Analytes	ND	
SGL0235	F3	6.5	All Analytes	ND	
SGL0236	F3	6.5	1,1,1-Trichloroethane	0.072	
			1,2,4-Trimethylbenzene	0.015	
			1,3,5-Trimethylbenzene	0.0032	
			4-Ethyl Toluene	0.0093	
			Acetone	0.036	
			Benzene	0.015	
			Ethylbenzene	0.017	
			Methyl Ethyl Ketone	0.0064	
			Methyl isobutyl ketone (MIBK)	0.0030	
			Tetrachloroethene	0.47	
			Toluene	0.019	
			Trichloroethene	0.26	
SGL0237	F3	6.5	Xylenes (Total)	0.027	
			All Analytes	ND	
SGL0238	F3	6.5	All Analytes	ND	

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SGL0241	F3	6.5	Toluene	0.11	
			Xylenes (Total)	0.070	
SGL0242	F3	6	Benzene	2.3	
			Ethylbenzene	33	=> 5ppmv
		6.5	Benzene	0.060	
			Styrene	0.060	
			Toluene	0.17	
			Xylenes (Total)	0.21	
SGL0243	G4	6.5	All Analytes	ND	
SGL0244	G4	6.5	All Analytes	ND	
SGL0245	G4	6.5	All Analytes	ND	
SGL0246	G4	6.5	1,1,1-Trichloroethane	0.11	
			1,2,4-Trimethylbenzene	0.015	
			4-Ethyl Toluene	0.011	
			Benzene	0.016	
			Ethylbenzene	0.021	
			Toluene	0.024	
			Trichloroethene	1.6	
			Xylenes (Total)	0.038	
SGL0247	G4	6.5	All Analytes	ND	
SGL0248	G5	6.5	All Analytes	ND	
SGL0249	G5	6.5	Benzene	4.9	
			Ethylbenzene	64	=> 5ppmv
SGL0250	G5	6.5	Ethylbenzene	0.17	
SGL0251	G5	6.5	Benzene	0.17	
			Ethylbenzene	0.54	
			Toluene	0.11	
SGL0252	G5	6.5	Benzene	0.050	
			Ethylbenzene	0.25	
SGL0253	E9	6.5	All Analytes	ND	
SGL0254	E9	6.5	All Analytes	ND	
SGL0255	E9	6.5	All Analytes	ND	
SGL0256	E9	6.5	1,2,4-Trimethylbenzene	0.013	
			1,3,5-Trimethylbenzene	0.0030	
			1,4-Dichlorobenzene	0.0011	
			4-Ethyl Toluene	0.0094	
			Acetone	0.013	
			Acetonitrile	0.058	
			Benzene	0.020	
			Chloroethane	0.0031	
			Chloroform	0.0036	
			Chloromethane	0.0014	
			Ethylbenzene	0.0078	
			Styrene	0.0018	
			Toluene	0.028	
			Xylenes (Total)	0.035	
SGL0257	E9	6.5	All Analytes	ND	
SGL0258	E9	6.5	Ethylbenzene	0.10	
			Toluene	0.070	
SGL0259	E9	6.5	Ethylbenzene	0.070	
SGL0260	D8	6.5	All Analytes	ND	
SGL0261	D7	6.5	All Analytes	ND	

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SGL0262	D7	6.5	All Analytes	ND	
SGL0263	D8	6.5	All Analytes	ND	
SGL0264	D8	6.5	All Analytes	ND	
SGL0265	D8	6.5	1,1,1-Trichloroethane	0.033	
			1,2,4-Trimethylbenzene	0.022	
			1,3,5-Trimethylbenzene	0.0027	
			4-Ethyl Toluene	0.016	
			Acetone	0.033	
			Acetonitrile	0.11	
			Benzene	0.045	
			Chloroform	0.0027	
			Chloromethane	0.033	
			Ethylbenzene	0.073	
			Methyl Ethyl Ketone	0.0073	
			Styrene	0.0049	
			Tetrachloroethene	0.0037	
			Toluene	0.018	
			Trichloroethene	0.32	
SGL0266	D8	6.5	Xylenes (Total)	0.034	
SGL0267	D8	6.5	cis-1,2-Dichloroethene	0.0015	
SGL0268	D8	6.5	Ethylbenzene	0.080	
SGL0269	C5	6.5	Benzene	0.060	
SGL0270	C5	6.5	Ethylbenzene	0.14	
SGL0271	C5	6.5	Toluene	0.070	
SGL0271	C5	6.5	Xylenes (Total)	0.10	
SGL0272	C5	6.5	Ethylbenzene	0.13	
SGL0269	C5	6.5	All Analytes	ND	
SGL0270	C5	6.5	All Analytes	ND	
SGL0271	C5	6.5	1,1,1-Trichloroethane	0.073	
			1,2,4-Trimethylbenzene	0.010	
			1,2-Dichlorobenzene	0.0012	
			1,3,5-Trimethylbenzene	0.0022	
			1,4-Dichlorobenzene	0.0010	
			4-Ethyl Toluene	0.0075	
			Acetone	0.022	
			Acetonitrile	0.026	
			Benzene	0.011	
			Ethylbenzene	0.0092	
			Freon 11	0.0013	
			Freon 113	0.0012	
			Methyl Ethyl Ketone	0.0056	
			Tetrachloroethene	0.0015	
			Toluene	0.015	
SGL0272	C5	6.5	Trichloroethene	0.16	
SGL0273	C5	6.5	Xylenes (Total)	0.023	
SGL0274	C5	5	All Analytes	ND	
SGL0275	C5	4.5	All Analytes	ND	
SGL0276	C5	6.5	All Analytes	ND	
SGL0277	I5	6.5	All Analytes	ND	
SGL0278	I5	8.5	All Analytes	ND	

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SGL0279	I5	6.5	1,2,4-Trimethylbenzene	0.0015	
			Acetone	0.0015	
			Carbon Tetrachloride	0.0099	
			Chloroform	0.016	
			Freon 11	0.0052	
			Freon 113	0.0012	
			Tetrachloroethene	0.0051	
			Xylenes (Total)	0.0015	
SGL0280	I5	6.5	All Analytes	ND	
SGL0281	I5	6.5	All Analytes	ND	
SGL0282	G7	6.5	All Analytes	ND	
SGL0283	E4	3	All Analytes	ND	
			1,1,2,2-Tetrachloroethane	0.0033	
			1,2,4-Trimethylbenzene	0.0020	
			4-Ethyl Toluene	0.0079	
			Benzene	0.12	
			Chloromethane	0.035	
			Cyclohexane	29	=> 5ppmv
			Ethylbenzene	0.020	
			Styrene	0.020	
			Tetrachloroethene	0.0026	
			Toluene	0.0039	
			Xylenes (Total)	0.015	
SGL0284	E4	6.5	1,2-Dibromoethane (EDB)	4.9	Threshold(3.9)
			Benzene	0.37	
			Cyclohexane	27	=> 5ppmv
SGL0285	E4	6.5	All Analytes	ND	
SGL0286	E4	6.5	All Analytes	ND	
SGL0287	E4	6.5	All Analytes	ND	
SGL0288	E4	6.5	Cyclohexane	9.5	=> 5ppmv
SGL0289	E4	6.5	All Analytes	ND	
SGL0290	E4	6.5	Benzene	0.080	
			Toluene	0.22	
			Xylenes (Total)	0.23	
SGL0291	E4	6.5	Toluene	0.070	
			Xylenes (Total)	0.11	
SGL0292	E4	6.5	All Analytes	ND	
SGL0293	E4	6.5	All Analytes	ND	
SGL0294	E4	6.5	1,2-Dibromoethane (EDB)	3.1	
			Benzene	16	=> 5ppmv
			Cyclohexane	420	=> 5ppmv
			Ethylbenzene	0.98	
			Toluene	3.0	
			Xylenes (Total)	1.2	
SGL0295	E4	6.5	Benzene	1.1	
			Cyclohexane	0.88	
			Ethylbenzene	0.69	
			Styrene	0.65	
			Toluene	0.42	
			Xylenes (Total)	0.23	
SGL0296	E4	6.5	All Analytes	ND	
SGL0297	E4	6.5	All Analytes	ND	

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SGL0298	E4	6.5	Cyclohexane	0.49	
			Ethylbenzene	0.10	
SGL0299	E4	6.5	Cyclohexane	0.36	
			Ethylbenzene	0.070	
SGL0300	E4	6.5	Cyclohexane	0.29	
			Ethylbenzene	0.070	
SGL0301	E4	6.5	Cyclohexane	0.34	
SGL0302	E4	6.5	All Analytes	ND	
SGL0303	E4	6.5	All Analytes	ND	
SGL0304	F4	6.5	All Analytes	ND	
SGL0305	D4	6	All Analytes	ND	
SGL0306	D4	6.5	All Analytes	ND	
SGL0307	D4	6.5	All Analytes	ND	
SGL0308	D4	6.5	All Analytes	ND	
SGL0309	D4	6.5	All Analytes	ND	
SGL0310	D4	6.5	All Analytes	ND	
SGL0311	D4	6.5	All Analytes	ND	
SGL0312	D4	6.5	All Analytes	ND	
SGL0313	D4	6.5	All Analytes	ND	
SGL0314	D4	6.5	All Analytes	ND	
SGL0315	D4	6.5	All Analytes	ND	
SGL0316	E5	6.5	All Analytes	ND	
SGL0317	E5	5	1,1,1-Trichloroethane	0.093	
			1,2,4-Trimethylbenzene	0.0047	
			2-Hexanone	0.0053	
			4-Ethyl Toluene	0.0030	
			Acetone	0.053	
			Benzene	0.011	
			Ethylbenzene	0.0061	
			Freon 113	0.0020	
			Methyl Ethyl Ketone	0.049	
			Toluene	0.0073	
Xylenes (Total)				0.021	
SGL0318	E5	6.5	All Analytes	ND	
SGL0319	E5	6.5	All Analytes	ND	
SGL0320	E5	6.5	All Analytes	ND	
SGL0321	E5	6.5	All Analytes	ND	
SGL0322	E5	6.5	All Analytes	ND	
SGL0323	E5	6.5	All Analytes	ND	
SGL0324	E5	6.5	All Analytes	ND	
SGL0325	E5	6.5	All Analytes	ND	
SGL0326	E5	6.5	All Analytes	ND	
SGL0327	E5	6	Benzene	7.2	=> 5ppmv
			Ethylbenzene	32	=> 5ppmv
			Styrene	2.1	
			Toluene	9.2	=> 5ppmv
SGL0329	E5	6.5	Benzene	0.22	
			Ethylbenzene	0.28	
			Toluene	0.17	
SGL0330	E5	6.5	All Analytes	ND	
SGL0331	A5	7	All Analytes	ND	
SGL0332	A5	6	All Analytes	ND	

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SGL0333	A5	5.5	All Analytes	ND	
SGL0334	C5	6.5	All Analytes	ND	
SGL0335	B4	6.5	Benzene	0.19	
			Cyclohexane	0.83	
			Ethylbenzene	5.5	=> 5ppmv
			Toluene	0.14	
SGL0336	B4	6.5	All Analytes	ND	
SGL0337	B4	6.5	All Analytes	ND	
SGL0338	C4	6.5	All Analytes	ND	
SGL0339	C4	6	All Analytes	ND	
SGL0340	C4	6.5	All Analytes	ND	
SGL0341	C4	6.5	All Analytes	ND	
SGL0342	C4	6	1,1,1-Trichloroethane	0.0018	
			1,1,2,2-Tetrachloroethane	0.0011	
			1,2,4-Trimethylbenzene	0.012	
			1,2-Dichlorobenzene	0.0030	
			1,3,5-Trimethylbenzene	0.0029	
			1,4-Dichlorobenzene	0.0019	
			2-Hexanone	0.0027	
			4-Ethyl Toluene	0.0095	
			Acetone	0.060	
			Acetonitrile	0.036	
			Benzene	0.019	
			Ethylbenzene	0.0088	
			Freon 12	0.0020	
			Methyl Ethyl Ketone	0.010	
			Methylene chloride	0.0016	
			Styrene	0.0099	
			Tetrachloroethene	0.0019	
			Toluene	0.023	
			Xylenes (Total)	0.025	
SGL0343	B3	6.5	All Analytes	ND	
SGL0344	B3	6.5	All Analytes	ND	
SGL0345	B3	6.5	All Analytes	ND	
SGL0346	B3	4.5	All Analytes	ND	
SGL0347	H3	6	All Analytes	ND	
SGL0348	I7	6.5	All Analytes	ND	
SGL0349	I8	6.5	All Analytes	ND	
SGL0350	I8	6	Benzene	18	=> 5ppmv
SGL0351	I8	6	Benzene	0.53	
SGL0352	I8	6	Benzene	3.4	
SGL0353	E3	7	Chloroform	0.13	
			Tetrachloroethene	36	=> 5ppmv
			Trichloroethene	20	=> 5ppmv
SGL0354	E3	7	Tetrachloroethene	0.71	
			Trichloroethene	1.0	
SGL0355	E3	7	1,1,1-Trichloroethane	0.010	
			Tetrachloroethene	0.21	
			Trichloroethene	0.39	
SGL0356	D3	7	1,1,1-Trichloroethane	0.36	
			Tetrachloroethene	170	=> 5ppmv
			Trichloroethene	270	=> 5ppmv

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SGL0357	D3	7	1,1,1-Trichloroethane	0.070	
			Chloroform	1.1	
			Tetrachloroethene	210	=> 5ppmv
			Trichloroethene	540	=> 5ppmv
SGL0358	D3	6.5	Tetrachloroethene	2.4	
			Trichloroethene	3.9	
SGL0359	D3	6.5	Chloroform	0.86	
			Tetrachloroethene	41	=> 5ppmv
			Trichloroethene	66	=> 5ppmv
SGL0360	D3	6.5	Chloroform	1.3	
			Tetrachloroethene	29	=> 5ppmv
			Trichloroethene	58	=> 5ppmv
SGL0361	D3	6.5	Tetrachloroethene	12	=> 5ppmv
			Trichloroethene	27	=> 5ppmv
SGL0370	I3	6.5	All Analytes	ND	
SGL0371	I3	6	All Analytes	ND	
SGL0372	I3	6	All Analytes	ND	
SGL0373	I3	6	All Analytes	ND	
SGL0374	I3	6	All Analytes	ND	
SGL0375	I3	6	All Analytes	ND	
SGL0376	I3	5.5	All Analytes	ND	
SGL0377	I3	6	All Analytes	ND	
SGL0378	I3	6.5	All Analytes	ND	
SGL0379	I3	6.5	All Analytes	ND	
SGL0380	I3	6.5	All Analytes	ND	
SGL0381	I3	6	All Analytes	ND	
SGL0382	I3	6.5	All Analytes	ND	
SGL0383	I3	6.5	All Analytes	ND	
SGL0384	I3	6.5	All Analytes	ND	
SGL0385	I3	6.5	All Analytes	ND	
SGL0386	I3	6.5	All Analytes	ND	
SGL0387	I3	6.5	All Analytes	ND	
SGL0388	I3	6.5	All Analytes	ND	
SGL0389	I3	6.5	All Analytes	ND	
SGL0390	I3	6.5	All Analytes	ND	
SGL0391	I3	6.5	All Analytes	ND	
SGL0392	I3	6.5	All Analytes	ND	
SGL0393	I3	6.5	All Analytes	ND	
SGL0394	I3	6.5	All Analytes	ND	
SGL0395	I3	6.5	All Analytes	ND	
SGL0396	I3	6.5	All Analytes	ND	
SGL0397	I3	6.5	All Analytes	ND	
SGL0398	I8	6.5	Benzene	0.29	
SGL0399	I8	6.5	All Analytes	ND	
SGL0400	I8	6.5	Benzene	0.35	
			Toluene	0.41	
			Xylenes (Total)	0.21	
SGL0401	I8	6.5	All Analytes	ND	
SGL0402	I8	5.5	Benzene	3.3	
SGL0403	I8	6.5	Benzene	0.23	
SGL0404	I8	5.5	Benzene	6.5	=> 5ppmv
SGL0405	I8	6.5	Benzene	0.29	

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SGL0406	I8	6.5	All Analytes	ND	
SGL0407	I8	6.5	All Analytes	ND	
SGL0408	I8	6.5	All Analytes	ND	
SGL0409	I8	6.5	All Analytes	ND	
SGL0410	I8	6.5	All Analytes	ND	
SGL0411	I8	6.5	All Analytes	ND	
SGL0412	H9	7	1,1,1-Trichloroethane	0.035	
			Tetrachloroethene	0.058	
			Trichloroethene	0.014	
SGL0413	H9	6.5	All Analytes	ND	
SGL0414	H9	7	Xylenes (Total)	4.1	
SGL0415	H9	6	Xylenes (Total)	11	=> 5ppmv
SGL0416	H9	6.5	All Analytes	ND	
SGL0417	H9	6.5	Benzene	0.19	
SGL0418	H9	5.5	All Analytes	ND	
SGL0419	H9	6.5	Benzene	0.070	
SGL0420	H9	6.5	Tetrachloroethene	0.0090	
SGL0423	H9	6.5	All Analytes	ND	
SGL0424	H9	6.5	All Analytes	ND	
SGL0425	H9	6.5	All Analytes	ND	
SGL0426	H9	6.5	All Analytes	ND	
SGL0427	H9	5.5	Benzene	29	=> 5ppmv
			Toluene	1.5	
SGL0428	H9	5.3	Benzene	3.6	
			Cyclohexane	3.2	
			Tetrachloroethene	0.050	
			Toluene	0.28	
SGL0429	H9	5.5	Benzene	0.61	
			Tetrachloroethene	0.019	
SGL0430	H9	6.5	All Analytes	ND	
SGL0431	H9	6.5	All Analytes	ND	
SGL0432	H9	6.5	All Analytes	ND	
SGL0433	H9	5	All Analytes	ND	
SGL0434	H9	6	1,1,1-Trichloroethane	0.016	
			1,1-Dichloroethene	0.20	
			Benzene	230	=> 5ppmv \ Threshold(30)
			Cyclohexane	87	=> 5ppmv
			Tetrachloroethene	0.28	
			Toluene	32	=> 5ppmv
			Trichloroethene	0.063	
SGL0435	H9	6	1,1,1-Trichloroethane	0.0080	
			Benzene	100	=> 5ppmv \ Threshold(30)
			Cyclohexane	54	=> 5ppmv
			Tetrachloroethene	0.13	
			Toluene	15	=> 5ppmv
			Trichloroethene	0.035	
SGL0436	H9	5.5	1,1,1-Trichloroethane	0.013	
			Benzene	280	=> 5ppmv \ Threshold(30)
			Cyclohexane	140	=> 5ppmv
			Tetrachloroethene	0.31	
			Toluene	31	=> 5ppmv
			Trichloroethene	0.089	

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SGL0437	H9	5.5	1,1,1-Trichloroethane	0.0090	
			Benzene	180	=> 5ppmv \ Threshold(30)
			Cyclohexane	150	=> 5ppmv
			Tetrachloroethene	0.18	
			Toluene	16	=> 5ppmv
			Trichloroethene	0.055	
SGL0438	H9	5.5	Benzene	290	=> 5ppmv \ Threshold(30)
			Cyclohexane	130	=> 5ppmv
			Tetrachloroethene	0.35	
			Toluene	28	=> 5ppmv
			Trichloroethene	0.13	
SGL0440	H9	5.5	Benzene	40	=> 5ppmv \ Threshold(30)
			Toluene	2.6	
SGL0441	H9	6	1,1,1-Trichloroethane	0.011	
			Benzene	2.2	
			Cyclohexane	0.91	
			Tetrachloroethene	0.018	
			Toluene	0.27	
SGL0442	H9	5.5	Benzene	380	=> 5ppmv \ Threshold(30)
			Cyclohexane	130	=> 5ppmv
			Tetrachloroethene	0.39	
			Toluene	38	=> 5ppmv
			Trichloroethene	0.11	
SGL0443	H9	6.5	Benzene	0.21	
			Toluene	0.060	
SGL0444	H9	9.5	Benzene	340	=> 5ppmv \ Threshold(30)
			Cyclohexane	130	=> 5ppmv
			Tetrachloroethene	0.36	
			Toluene	21	=> 5ppmv
			Trichloroethene	0.13	
SGL0445	H9	6.5	Benzene	250	=> 5ppmv \ Threshold(30)
			Cyclohexane	120	=> 5ppmv
			Tetrachloroethene	0.36	
			Toluene	41	=> 5ppmv
			Trichloroethene	0.14	
SGL0446	H9	6.5	Benzene	340	=> 5ppmv \ Threshold(30)
			Cyclohexane	180	=> 5ppmv
			Tetrachloroethene	0.47	
			Toluene	41	=> 5ppmv
			Trichloroethene	0.26	
SGL0447	H9	6.5	Benzene	2.2	
			Cyclohexane	2.7	
			Tetrachloroethene	0.026	
			Toluene	0.18	
SGL0448	H8	6	Benzene	5.8	=> 5ppmv
			Cyclohexane	2.5	
			Tetrachloroethene	0.022	
			Toluene	0.72	
			Trichloroethene	0.018	
SGL0449	A5	6.5	All Analytes	ND	
SGL0450	H9	6	All Analytes	ND	
SGL0451	H9	6.5	Benzene	0.73	

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SGL0451	H9	6.5	Cyclohexane	0.35	
			Toluene	0.12	
SGL0452	H9	6.5	All Analytes	ND	
SGL0453	H9	6.5	Benzene	90	=> 5ppmv \ Threshold(30)
			Cyclohexane	50	=> 5ppmv
			Tetrachloroethene	0.051	
			Toluene	1.8	
			Trichloroethene	0.064	
SGL0454	H9	6.5	Benzene	33	=> 5ppmv \ Threshold(30)
			Cyclohexane	55	=> 5ppmv
			Tetrachloroethene	0.11	
			Toluene	1.8	
			Trichloroethene	0.062	
SGL0455	H9	6	Benzene	53	=> 5ppmv \ Threshold(30)
			Cyclohexane	47	=> 5ppmv
			Tetrachloroethene	0.069	
			Toluene	4.0	
			Trichloroethene	0.046	
SGL0456	H9	6.5	Benzene	0.99	
			Cyclohexane	0.36	
			Toluene	0.14	
SGL0457	H9	6.5	Benzene	2.1	
			Cyclohexane	0.84	
			Tetrachloroethene	0.032	
			Toluene	0.26	
			Trichloroethene	0.025	
SGL0458	H9	5	Benzene	74	=> 5ppmv \ Threshold(30)
			Cyclohexane	160	=> 5ppmv
			Tetrachloroethene	0.021	
SGL0460	H3	5	1,2,4-Trimethylbenzene	0.0056	
			1,3,5-Trimethylbenzene	0.0012	
			4-Ethyl Toluene	0.0029	
			Acetone	0.014	
			Benzene	0.0025	
			Ethylbenzene	0.0014	
			Toluene	0.0033	
			Xylenes (Total)	0.0075	
SGL0461	H9	6.5	All Analytes	ND	
SGL0462	G9	6.5	Toluene	0.14	
SGL0463	H9	6.5	All Analytes	ND	
SGL0464	H9	6.5	All Analytes	ND	
SGL0465	H9	5	Benzene	2.5	
			Toluene	0.44	
SGL0466	H9	6	Benzene	0.12	
			Tetrachloroethene	0.012	
			Trichloroethene	0.015	
SGL0467	H9	5	Benzene	2.4	
			Cyclohexane	7.8	=> 5ppmv
			Toluene	0.75	
SGL0468	I8	6.5	All Analytes	ND	
SGL0469	I8	6.5	All Analytes	ND	
SGL0470	I8	6	All Analytes	ND	

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SGL0471	H8	5.5	All Analytes	ND	
SGL0472	H8	6.5	All Analytes	ND	
SGL0473	H8	6	All Analytes	ND	
SGL0474	H8	6.5	All Analytes	ND	
SGL0475	H8	6.5	All Analytes	ND	
SGL0476	H8	6.5	All Analytes	ND	
SGL0477	H8	6.5	All Analytes	ND	
SGL0478	H8	6.5	All Analytes	ND	
SGL0479	H8	6.5	All Analytes	ND	
SGL0480	H8	6.5	All Analytes	ND	
SGL0481	H8	6.5	Benzene	0.17	
			Tetrachloroethene	0.078	
			Toluene	0.15	
SGL0482	H8	6	Benzene	18	=> 5ppmv
			Toluene	3.1	
			Xylenes (Total)	3.9	
SGL0483	H8	6	Benzene	9.9	=> 5ppmv
			Toluene	2.4	
			Xylenes (Total)	13	=> 5ppmv
SGL0484	H8	6	Benzene	32	=> 5ppmv \ Threshold(30)
			Toluene	3.3	
			Xylenes (Total)	18	=> 5ppmv
SGL0485	H8	6	Benzene	1.1	
			Toluene	0.75	
			Xylenes (Total)	2.8	
SGL0486	H8	6.5	Benzene	50	=> 5ppmv \ Threshold(30)
			Toluene	4.1	
			Xylenes (Total)	14	=> 5ppmv
SGL0487	H8	6	All Analytes	ND	
SGL0488	H8	6.5	Benzene	14	=> 5ppmv
			Toluene	1.8	
			Xylenes (Total)	4.7	
SGL0489	H8	6.5	Benzene	60	=> 5ppmv \ Threshold(30)
			Tetrachloroethene	0.029	
			Toluene	7.3	=> 5ppmv
			Xylenes (Total)	27	=> 5ppmv
SGL0490	H8	6	Tetrachloroethene	0.041	
SGL0491	H8	6.5	All Analytes	ND	
SGL0492	H8	6.5	Ethylbenzene	0.19	
			Toluene	3.0	
			Xylenes (Total)	1.4	
SGL0493	H8	6	All Analytes	ND	
SGL0494	B4	6	1,1,1-Trichloroethane	0.0018	
			1,2,4-Trimethylbenzene	0.032	
			1,3,5-Trimethylbenzene	0.028	
			4-Ethyl Toluene	0.048	
			Acetone	0.0077	
			Benzene	0.0034	
			Ethylbenzene	0.53	
			Freon 11	0.015	
			Freon 12	0.0061	
			Tetrachloroethene	0.0016	

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SGL0494	B4	6	Toluene	0.0049	
			Xylenes (Total)	0.38	
SGL0495	B5	5.5	All Analytes	ND	
SGL0496	B5	6	All Analytes	ND	
SGL0497	E5	6	All Analytes	ND	
SGL0498	I8	6	Benzene	1.2	
			Chloroform	1.6	
SGL0499	G3	7	All Analytes	ND	
SGL0500	G3	7	1,2,4-Trimethylbenzene	0.0018	
			Acetone	0.0039	
			Toluene	0.0010	
			Xylenes (Total)	0.0025	
SGL0501	G3	7	All Analytes	ND	
SGL0502	G3	7	All Analytes	ND	
SGL0503	G3	5.5	All Analytes	ND	
SGL0504	G3	5.8	All Analytes	ND	
SGL0505	G3	5	All Analytes	ND	
SGL0506	C4	7	All Analytes	ND	
SGL0507	C4	7	All Analytes	ND	
SGL0508	C4	7	All Analytes	ND	
SGL0509	C4	7	All Analytes	ND	
SGL0510	C4	7	1,2,4-Trimethylbenzene	0.0037	
			Acetone	0.040	
			Chloromethane	0.0032	
			Freon 11	0.021	
			Freon 113	0.012	
			Freon 12	0.018	
			Styrene	0.0017	
			Tetrachloroethene	0.0029	
SGL0511	C4	7	All Analytes	ND	
SGL0512	C4	7	All Analytes	ND	
SGL0513	C4	7	All Analytes	ND	
SGL0514	C5	7	All Analytes	ND	
SGL0515	C5	7	All Analytes	ND	
SGL0516	C5	7	Tetrachloroethene	0.058	
SGL0517	C5	5	Acetone	0.021	
			Freon 11	1.0	
SGL0518	C5	7	All Analytes	ND	
SGL0519	C5	7	All Analytes	ND	
SGL0520	C5	7	All Analytes	ND	
SGL0521	C5	7	All Analytes	ND	
SGL0522	C4	7	All Analytes	ND	
SGL0523	C4	7	All Analytes	ND	
SGL0524	C4	7	All Analytes	ND	
SGL0525	C4	7	All Analytes	ND	
SGL0526	C4	7	All Analytes	ND	
SGL0527	C4	7	All Analytes	ND	
SGL0528	F4	5.5	Acetone	0.020	
			Chloromethane	0.0067	
			Freon 11	0.11	
			Freon 113	0.098	

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SGL0528	F4	5.5	Freon 114	0.012	
			Tetrachloroethene	0.13	
SGL0529	F4	7	1,1,1-Trichloroethane	0.035	
			Tetrachloroethene	0.045	
SGL0530	F4	7	All Analytes	ND	
SGL0531	F4	7	All Analytes	ND	
SGL0532	F4	7	All Analytes	ND	
SGL0533	G4	7	All Analytes	ND	
SGL0534	G5	7	Acetone	0.014	
			Chloroform	0.026	
			Dichlorobromomethane	0.0029	
			Freon 11	0.0021	
			Styrene	0.0049	
SGL0535	G5	7	All Analytes	ND	
SGL0536	G5	7	All Analytes	ND	
SGL0537	G5	7	All Analytes	ND	
SGL0538	G5	7	All Analytes	ND	
SGL0539	G5	7	All Analytes	ND	
SGL0540	H5	5.5	All Analytes	ND	
SGL0541	H4	7	All Analytes	ND	
SGL0542	H4	6	All Analytes	ND	
SGL0543	H4	7	All Analytes	ND	
SGL0544	D4	10	All Analytes	ND	
SGL0545	D4	10	1,1,1-Trichloroethane	0.043	
			Tetrachloroethene	0.011	
SGL0546	D4	7	1,1,1-Trichloroethane	0.0032	
			Freon 11	0.0030	
			Freon 113	0.15	
			Tetrachloroethene	0.058	
SGL0547	D4	7	Tetrachloroethene	0.015	
SGL0548	D4	7	1,1,1-Trichloroethane	0.028	
			Tetrachloroethene	0.016	
SGL0549	D5	7	All Analytes	ND	
SGL0550	D5	7	All Analytes	ND	
SGL0551	D5	7	All Analytes	ND	
SGL0552	D5	7	All Analytes	ND	
SGL0553	D5	7	All Analytes	ND	
SGL0554	C4	7	Tetrachloroethene	0.012	
SGL0555	C4	7	Tetrachloroethene	0.010	
SGL0556	C4	7	All Analytes	ND	
SGL0557	C5	10	Tetrachloroethene	0.017	
SGL0558	C5	10	Acetone	0.048	
			Ethylbenzene	0.019	
			Freon 11	1.2	
			Freon 12	0.14	
			Tetrachloroethene	0.013	
			Xylenes (Total)	0.0087	
SGL0559	C5	5	All Analytes	ND	
SGL0560	C5	7	All Analytes	ND	
SGL0561	C5	7	Tetrachloroethene	0.026	
SGL0562	C5	7	All Analytes	ND	
SGL0563	C5	7	All Analytes	ND	

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SGL0564	C5	7	All Analytes	ND	
SGL0565	C5	7	All Analytes	ND	
SGL0566	C5	7	All Analytes	ND	
SGL0567	B4	5	All Analytes	ND	
SGL0568	B4	7	All Analytes	ND	
SGL0569	B4	7	Acetone	0.0099	
			Styrene	0.0054	
SGL0570	B4	7	All Analytes	ND	
SGL0571	B4	7	All Analytes	ND	
SGL0572	B4	7	All Analytes	ND	
SGL0573	B4	7	All Analytes	ND	
SGL0574	B4	7	All Analytes	ND	
SGL0575	B4	7	All Analytes	ND	
SGL0576	B4	6	All Analytes	ND	
SGL0577	A4	7	All Analytes	ND	
SGL0578	A4	6	All Analytes	ND	
SGL0579	A4	7	All Analytes	ND	
SGL0580	A4	7	All Analytes	ND	
SGL0581	A4	7	1,2,4-Trimethylbenzene	0.0029	
			4-Ethyl Toluene	0.0015	
			Acetone	0.0059	
			Freon 11	0.0020	
			Toluene	0.0015	
			Xylenes (Total)	0.0020	
SGL0582	F4	7	All Analytes	ND	
SGL0583	F4	7	Benzene	1.3	
			Ethylbenzene	76	=> 5ppmv
			Styrene	5.8	=> 5ppmv
			Toluene	22	=> 5ppmv
			Xylenes (Total)	5.9	=> 5ppmv
SGL0584	F4	7	All Analytes	ND	
SGL0585	F4	7	All Analytes	ND	
SGL0586	F4	7	All Analytes	ND	
SGL0587	F4	7	All Analytes	ND	
SGL0588	F4	7	Benzene	2.6	
			Cyclohexane	1.4	
			Ethylbenzene	4.4	
			Styrene	1.4	
			Toluene	2.3	
			Xylenes (Total)	0.81	
SGL0589	F4	7	1,1,1-Trichloroethane	0.048	
SGL0590	F4	7	1,1,1-Trichloroethane	0.10	
SGL0591	F4	7	1,1,1-Trichloroethane	0.30	
SGL0592	F4	7	1,1,1-Trichloroethane	0.16	
			Tetrachloroethene	0.014	
SGL0593	F4	7	Benzene	16	=> 5ppmv
			Cyclohexane	8.8	=> 5ppmv
			Ethylbenzene	19	=> 5ppmv
			Styrene	4.5	
			Toluene	16	=> 5ppmv
			Xylenes (Total)	3.4	
SGL0594	F4	7	1,1,1-Trichloroethane	0.014	

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SGL0594	F4	7	Freon 11	0.33	
			Freon 113	0.26	
			Tetrachloroethene	0.016	
SGL0595	F4	7	Tetrachloroethene	0.035	
SGL0596	F4	7	Benzene	8.0	=> 5ppmv
			Cyclohexane	0.60	
			Ethylbenzene	18	=> 5ppmv
			Styrene	4.5	
			Toluene	8.7	=> 5ppmv
			Xylenes (Total)	2.8	
SGL0597	F3	7	All Analytes	ND	
SGL0598	F3	7	All Analytes	ND	
SGL0599	F3	7	All Analytes	ND	
SGL0600	F3	7	All Analytes	ND	
SGL0601	F3	7	All Analytes	ND	
SGL0602	F3	7	All Analytes	ND	
SGL0603	F3	7	Tetrachloroethene	0.091	
SGL0604	F3	7	Tetrachloroethene	0.073	
SGL0605	F3	7	Tetrachloroethene	0.10	
SGL0606	F3	7	All Analytes	ND	
SGL0607	F3	7	All Analytes	ND	
SGL0608	F3	7	All Analytes	ND	
SGL0609	F3	7	All Analytes	ND	
SGL0610	F3	7	All Analytes	ND	
SGL0611	F4	7	All Analytes	ND	
SGL0612	F4	7	1,1,1-Trichloroethane	0.045	
			Tetrachloroethene	0.052	
SGL0613	F4	7	All Analytes	ND	
SGL0614	F4	7	1,1,1-Trichloroethane	0.026	
			Tetrachloroethene	0.045	
SGL0615	F4	7	Benzene	11	=> 5ppmv
			Cyclohexane	0.21	
			Ethylbenzene	39	=> 5ppmv
			Styrene	23	=> 5ppmv
			Toluene	12	=> 5ppmv
			Xylenes (Total)	3.5	
SGL0616	F4	7	All Analytes	ND	
SGL0617	F4	7	1,1,1-Trichloroethane	0.12	
			Tetrachloroethene	0.0090	
SGL0618	F4	7	All Analytes	ND	
SGL0619	G3	7	All Analytes	ND	
SGL0620	G3	7	All Analytes	ND	
SGL0621	G3	7	All Analytes	ND	
SGL0622	G3	7	All Analytes	ND	
SGL0623	G3	7	All Analytes	ND	
SGL0624	G3	7	Tetrachloroethene	0.0070	
SGL0625	G3	7	All Analytes	ND	
SGL0626	G3	7	1,2,4-Trimethylbenzene	0.0034	
			2-Hexanone	0.0054	
			4-Ethyl Toluene	0.0038	
			Acetone	0.0054	
			Benzene	0.0068	

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SGL0626	G3	7	Ethylbenzene	0.11	
			Styrene	0.057	
			Toluene	0.016	
			Trichloroethene	0.010	
			Xylenes (Total)	0.015	
SGL0627	G3	7	All Analytes	ND	
SGL0628	G3	7	All Analytes	ND	
SGL0629	G3	7	All Analytes	ND	
SGL0630	F3	7	All Analytes	ND	
SGL0631	F3	7	All Analytes	ND	
SGL0632	F3	7	All Analytes	ND	
SGL0633	F3	7	All Analytes	ND	
SGL0634	F3	7	All Analytes	ND	
SGL0635	I9	7	All Analytes	ND	
SGL0636	I9	7	All Analytes	ND	
SGL0637	I9	7	All Analytes	ND	
SGL0638	I9	7	All Analytes	ND	
SGL0639	I9	7	All Analytes	ND	
SGL0640	I9	7	All Analytes	ND	
SGL0641	I9	7	All Analytes	ND	
SGL0642	I9	7	All Analytes	ND	
SGL0643	I9	7	All Analytes	ND	
SGL0644	I9	7	All Analytes	ND	
SGL0645	I9	7	All Analytes	ND	
SGL0646	I8	7	All Analytes	ND	
SGL0647	I8	7	All Analytes	ND	
SGL0648	I8	7	All Analytes	ND	
SGL0649	I8	7	All Analytes	ND	
SGL0650	I8	7	All Analytes	ND	
SGL0651	I8	7	All Analytes	ND	
SGL0652	I8	7	All Analytes	ND	
SGL0653	I8	7	All Analytes	ND	
SGL0654	I8	7	All Analytes	ND	
SGL0655	I8	7	1,2,4-Trimethylbenzene	0.0043	
			2-Hexanone	0.013	
			Acetone	0.0059	
			Benzene	0.065	
			Cyclohexane	0.079	
			Methyl Ethyl Ketone	0.033	
			Methyl isobutyl ketone (MIBK)	0.027	
SGL0656	I7	7	All Analytes	ND	
SGL0657	I7	7	All Analytes	ND	
SGL0658	I7	5.5	Benzene	0.40	
SGL0659	I7	7	All Analytes	ND	
SGL0660	I7	7	All Analytes	ND	
SGL0661	I7	5.5	Benzene	8.7	=> 5ppmv
			Chloromethane	0.046	
			Cyclohexane	0.44	
			Freon 114	0.092	
			Freon 12	0.39	
SGL0662	I7	7	Benzene	0.19	
SGL0663	I7	7	All Analytes	ND	

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SGL0664	I7	7	All Analytes	ND	
SGL0665	I7	7	All Analytes	ND	
SGL0666	I7	7	All Analytes	ND	
SGL0667	E9	7	All Analytes	ND	
SGL0668	E9	7	All Analytes	ND	
SGL0669	E9	7	All Analytes	ND	
SGL0670	E9	7	All Analytes	ND	
SGL0671	F9	7	All Analytes	ND	
SGL0672	F9	7	All Analytes	ND	
SGL0673	F9	7	All Analytes	ND	
SGL0674	F9	7	All Analytes	ND	
SGL0675	E9	7	All Analytes	ND	
SGL0676	E9	6	All Analytes	ND	
SGL0677	E8	7	All Analytes	ND	
SGL0678	E8	7	All Analytes	ND	
SGL0679	E8	7	All Analytes	ND	
SGL0680	E8	7	All Analytes	ND	
SGL0681	D4	7	Acetone	0.015	
			Freon 113	0.028	
			Tetrachloroethene	0.0060	
SGL0682	D4	7	Tetrachloroethene	0.0070	
SGL0683	D4	7	Tetrachloroethene	0.0090	
SGL0684	D4	7	All Analytes	ND	
SGL0685	H4	7	All Analytes	ND	
SGL0686	F4	7	1,1,1-Trichloroethane	0.031	
			Tetrachloroethene	4.1	
SGL0687	F4	7	Tetrachloroethene	22	=> 5ppmv
SGL0688	E4	7	1,1,1-Trichloroethane	0.040	
			Tetrachloroethene	0.078	
SGL0689	F5	7	Tetrachloroethene	1.6	
SGL0690	F5	7	Tetrachloroethene	0.64	
SGL0691	F5	7	1,1-Dichloroethene	0.026	
			Acetone	0.23	
			Freon 11	1.3	
			Freon 113	2.9	
			Tetrachloroethene	0.14	
SGL0692	G5	7	All Analytes	ND	
SGL0693	G5	7	All Analytes	ND	
SGL0694	F4	6	1,1,1-Trichloroethane	0.035	
			Tetrachloroethene	0.070	
SGL0695	F4	7	All Analytes	ND	
SGL0696	F4	7	1,1,1-Trichloroethane	0.36	
			Tetrachloroethene	0.017	
SGL0697	F4	7	1,1,1-Trichloroethane	0.022	
SGL0698	E5	7	1,1,1-Trichloroethane	0.027	
			Tetrachloroethene	0.014	
SGL0699	E5	7	All Analytes	ND	
SGL0700	E5	7	1,1,1-Trichloroethane	0.15	
SGL0701	E5	7	All Analytes	ND	
SGL0702	E5	7	1,1,1-Trichloroethane	0.017	
SGL0703	E5	7	All Analytes	ND	
SGL0704	E5	5.5	4-Ethyl Toluene	4.6	

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SGL0704	E5	5.5	Benzene	210	=> 5ppmv \ Threshold(30)
			Ethylbenzene	620	=> 5ppmv
			Styrene	27	=> 5ppmv
			Toluene	59	=> 5ppmv
			Xylenes (Total)	43	=> 5ppmv
SGL0705	E5	7	Ethylbenzene	1.1	
SGL0706	E4	7	Ethylbenzene	1.2	
SGL0707	E5	7	Benzene	26	=> 5ppmv
			Cyclohexane	2.8	
			Ethylbenzene	48	=> 5ppmv
			Styrene	3.7	
			Toluene	6.6	=> 5ppmv
			Xylenes (Total)	4.1	
SGL0708	E4	7	Tetrachloroethene	0.028	
SGL0709	E5	7	All Analytes	ND	
SGL0710	E5	7	Benzene	0.30	
			Ethylbenzene	1.7	
			Styrene	0.080	
			Toluene	0.18	
			Xylenes (Total)	0.17	
SGL0711	E5	7	1,1,1-Trichloroethane	0.057	
SGL0712	E4	7	1,1,1-Trichloroethane	0.0083	
			1,2,4-Trichlorobenzene	0.0038	
			Acetone	0.012	
			Carbon disulfide	0.0055	
			Tetrachloroethene	0.071	
SGL0713	E4	7	Tetrachloroethene	0.0090	
SGL0714	E4	7	All Analytes	ND	
SGL0715	E5	7	1,1,1-Trichloroethane	0.038	
SGL0716	E5	7	All Analytes	ND	
SGL0717	E5	7	All Analytes	ND	
SGL0718	E5	7	Benzene	0.16	
			Ethylbenzene	1.5	
			Toluene	0.090	
SGL0719	E5	7	Benzene	0.52	
			Ethylbenzene	2.1	
			Toluene	0.15	
SGL0720	E5	7	All Analytes	ND	
SGL0721	E5	7	Tetrachloroethene	0.027	
SGL0722	E5	7	All Analytes	ND	
SGL0723	E5	7	All Analytes	ND	
SGL0724	D5	7	All Analytes	ND	
SGL0725	D5	7	All Analytes	ND	
SGL0726	D5	7	Freon 113	2.5	
SGL0727	D5	7	All Analytes	ND	
SGL0728	D5	7	Tetrachloroethene	0.014	
SGL0729	G5	7	All Analytes	ND	
SGL0730	G5	7	All Analytes	ND	
SGL0731	G5	7	All Analytes	ND	
SGL0732	E6	7	1,1,1-Trichloroethane	0.049	
			Tetrachloroethene	0.15	
SGL0733	E6	7	1,1,1-Trichloroethane	0.029	

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SGL0733	E6	7	1,1-Dichloroethene	0.013	
			Freon 113	0.072	
			Tetrachloroethene	0.0069	
SGL0734	E6	7	1,1,1-Trichloroethane	0.12	
			Tetrachloroethene	0.45	
SGL0735	E5	7	1,1,1-Trichloroethane	0.10	
			Tetrachloroethene	0.84	
SGL0736	E5	7	1,1,1-Trichloroethane	0.037	
			Tetrachloroethene	0.67	
SGL0737	E5	7	1,1,1-Trichloroethane	0.041	
			Tetrachloroethene	0.0060	
SGL0738	E5	7	1,1,1-Trichloroethane	0.19	
			Tetrachloroethene	0.88	
SGL0739	E5	7	1,1,1-Trichloroethane	0.027	
			Tetrachloroethene	0.0060	
SGL0740	E5	7	1,1,1-Trichloroethane	0.012	
			Tetrachloroethene	0.15	
SGL0741	E5	7	All Analytes	ND	
SGL0742	E5	7	Tetrachloroethene	0.24	
SGL0743	G5	7	All Analytes	ND	
SGL0744	D6	7	All Analytes	ND	
SGL0745	D6	7	All Analytes	ND	
SGL0746	D6	7	All Analytes	ND	
SGL0747	D6	7	All Analytes	ND	
SGL0748	D6	7	All Analytes	ND	
SGL0749	D6	7	All Analytes	ND	
SGL0750	D6	7	All Analytes	ND	
SGL0751	D6	6	All Analytes	ND	
SGL0752	E6	7	All Analytes	ND	
SGL0753	E6	7	All Analytes	ND	
SGL0754	E6	5	1,2,4-Trimethylbenzene	0.0020	
			4-Ethyl Toluene	0.0012	
			Acetone	0.0061	
			Benzene	0.0014	
			Toluene	0.0030	
			Xylenes (Total)	0.0045	
SGL0755	E6	7	All Analytes	ND	
SGL0756	D6	7	Freon 11	0.018	
			Freon 113	2.6	
			Tetrachloroethene	0.015	
SGL0757	D6	5	Tetrachloroethene	0.019	
SGL0758	D6	6	Tetrachloroethene	0.028	
SGL0759	D6	7	Tetrachloroethene	0.021	
SGL0760	D6	5.5	Tetrachloroethene	0.019	
SGL0761	D6	5.5	All Analytes	ND	
SGL0762	D6	7	Freon 113	8.0	=> 5ppmv
SGL0763	D6	7	Tetrachloroethene	0.053	
SGL0764	D6	7	Tetrachloroethene	0.046	
SGL0765	D6	7	Tetrachloroethene	0.037	
SGL0766	F5	5	All Analytes	ND	
SGL0767	F5	7	All Analytes	ND	
SGL0768	F5	7	All Analytes	ND	

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SGL0769	F5	7	All Analytes	ND	
SGL0770	F5	6	Freon 11	0.61	
			Freon 113	3.1	
SGL0771	F5	7	Tetrachloroethene	0.040	
SGL0772	F5	7	All Analytes	ND	
SGL0773	F5	7	Tetrachloroethene	0.020	
SGL0774	F5	7	Tetrachloroethene	0.023	
SGL0775	F5	7	Tetrachloroethene	0.11	
SGL0776	F5	6	1,1,1-Trichloroethane	0.014	
			Freon 11	0.33	
			Freon 113	0.79	
			Tetrachloroethene	0.56	
SGL0777	F4	7	1,1,1-Trichloroethane	0.010	
			Tetrachloroethene	0.32	
SGL0778	F4	7	1,1,1-Trichloroethane	1.3	
			Tetrachloroethene	0.34	
SGL0779	F4	7	1,1,1-Trichloroethane	0.90	
			Tetrachloroethene	3.4	
SGL0780	I7	7	All Analytes	ND	
SGL0781	I7	5	All Analytes	ND	
SGL0782	I7	6	All Analytes	ND	
SGL0783	I7	6	All Analytes	ND	
SGL0784	I7	6	All Analytes	ND	
SGL0785	I7	7	All Analytes	ND	
SGL0786	I7	7	All Analytes	ND	
SGL0787	G5	7	All Analytes	ND	
SGL0793	G9	7	Tetrachloroethene	0.29	
SGL0794	G9	7	Tetrachloroethene	0.15	
SGL0795	G9	7	Tetrachloroethene	0.086	
SGL0796	G9	7	Tetrachloroethene	0.061	
SGL0797	G9	7	Tetrachloroethene	0.056	
SGL0798	G9	7	Tetrachloroethene	0.052	
SGL0799	G9	7	All Analytes	ND	
SGL0800	G9	7	Benzene	560	=> 5ppmv \ Threshold(30)
			Tetrachloroethene	0.15	
			Toluene	1.0	
SGL0801	G9	7	Benzene	340	=> 5ppmv \ Threshold(30)
			Tetrachloroethene	0.045	
			Toluene	0.34	
SGL0802	G9	7	Benzene	2,000	=> 5ppmv \ Threshold(30)
			Tetrachloroethene	0.57	
			Toluene	5.7	=> 5ppmv
SGL0803	G9	7	Benzene	17	=> 5ppmv
			Tetrachloroethene	0.015	
			Toluene	0.14	
SGL0804	G9	7	Benzene	0.99	
SGL0805	G9	7	Benzene	350	=> 5ppmv \ Threshold(30)
			Tetrachloroethene	0.083	
			Toluene	0.58	
SGL0806	G9	7	Tetrachloroethene	0.10	
SGL0807	I8	7	All Analytes	ND	
SGL0850	F4	6.5	Tetrachloroethene	0.14	

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SGL0851	H9	7	All Analytes	ND	
SGL0852	G9	7	All Analytes	ND	
SGL0853	G9	9	All Analytes	ND	
SGL0854	H8	6.5	Benzene	0.22	
			Cyclohexane	2.1	
			Ethylbenzene	0.36	
			Toluene	0.21	
			Xylenes (Total)	0.06	
SGL0855	H8	7	Benzene	1.3	
			Cyclohexane	5.5	=> 5ppmv
			Toluene	0.32	
			Xylenes (Total)	0.72	
SGL0856	H8	6	Benzene	0.16	
			Cyclohexane	0.60	
			Toluene	0.070	
			Xylenes (Total)	0.16	
SGL0857	H8	7	All Analytes	ND	
SGL0858	H8	7	Benzene	4.4	
			Cyclohexane	6.7	=> 5ppmv
			Ethylbenzene	0.28	
			Toluene	2.0	
			Xylenes (Total)	0.61	
SGL0859	H8	7	All Analytes	ND	
SGL0860	H8	7	All Analytes	ND	
SGL0861	H8	7	All Analytes	ND	
SGL0862	H8	6.5	1,2,4-Trimethylbenzene	0.00034	
			Carbon disulfide	0.00082	
			Freon 11	0.0014	
			Freon 12	0.00034	
			Tetrachloroethene	0.0027	
			Xylenes (Total)	0.00019	
SGL0863	H8	7	Tetrachloroethene	0.0070	
SGL0864	H8	5	All Analytes	ND	
SGL0865	H8	9	All Analytes	ND	
SGL0866	H8	6.5	All Analytes	ND	
SGL0867	H8	9	1,1,1-Trichloroethane	0.066	
			1,1-Dichloroethene	0.00088	
			1,3,5-Trimethylbenzene	0.00020	
			Acetone	0.0034	
			Benzene	0.00018	
			Carbon disulfide	0.00053	
			Cyclohexane	0.0036	
			Ethanol	0.0073	
			Freon 114	0.00040	
			Freon 12	0.011	
			Heptane	0.00044	
			Isopropanol	0.00039	
			Tetrachloroethene	0.0078	
			Toluene	0.00066	
			Xylenes (Total)	0.00083	
SGL0868	I8	8.5	All Analytes	ND	
SGL0869	H8	6	All Analytes	ND	

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SGL0870	H8	6	All Analytes	ND	
SGL0871	H8	6.5	All Analytes	ND	
SGL0872	H8	6	1,2,4-Trimethylbenzene	17	=> 5ppmv
			4-Ethyl Toluene	13	=> 5ppmv
			Benzene	280	=> 5ppmv \ Threshold(30)
			Cyclohexane	3,300	=> 5ppmv
			Ethylbenzene	190	=> 5ppmv
			Heptane	1,100	=> 5ppmv
			Toluene	160	=> 5ppmv
			Xylenes (Total)	314	=> 5ppmv
			n-Hexane	17	=> 5ppmv
SGL0873	H8	7	Benzene	360	=> 5ppmv \ Threshold(30)
			Cyclohexane	1,500	=> 5ppmv
			Ethylbenzene	21	=> 5ppmv
			Tetrachloroethene	0.022	
			Toluene	53	=> 5ppmv
			Trichloroethene	0.021	
			Xylenes (Total)	58	=> 5ppmv
SGL0874	H8	6.5	All Analytes	ND	
SGL0875	H8	8	Benzene	230	=> 5ppmv \ Threshold(30)
			Cyclohexane	380	=> 5ppmv
			Ethylbenzene	21	=> 5ppmv
			Tetrachloroethene	0.010	
			Toluene	51	=> 5ppmv
			Trichloroethene	0.029	
			Xylenes (Total)	46	=> 5ppmv
SGL0876	H8	7	Benzene	200	=> 5ppmv \ Threshold(30)
			Cyclohexane	630	=> 5ppmv
			Ethylbenzene	18	=> 5ppmv
			Tetrachloroethene	0.015	
			Toluene	16	=> 5ppmv
			Trichloroethene	0.022	
			Xylenes (Total)	24	=> 5ppmv
SGL0877	H8	9	Benzene	160	=> 5ppmv \ Threshold(30)
			Cyclohexane	560	=> 5ppmv
			Tetrachloroethene	0.014	
			Trichloroethene	0.014	
			Xylenes (Total)	9.8	=> 5ppmv
SGL0878	H8	8	Benzene	330	=> 5ppmv \ Threshold(30)
			Cyclohexane	650	=> 5ppmv
			Ethylbenzene	19	=> 5ppmv
			Tetrachloroethene	0.0090	
			Toluene	28	=> 5ppmv
			Trichloroethene	0.010	
			Xylenes (Total)	35	=> 5ppmv
SGL0879	H8	7.5	Benzene	270	=> 5ppmv \ Threshold(30)
			Cyclohexane	690	=> 5ppmv
			Ethylbenzene	21	=> 5ppmv
			Tetrachloroethene	0.011	
			Toluene	17	=> 5ppmv
			Trichloroethene	0.012	
			Xylenes (Total)	71	=> 5ppmv

**TABLE 11**  
**SUMMARY OF DETECTED VOCs IN SHALLOW SOIL GAS SAMPLES**

Site ID	Grid Location	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)	Screening Criteria Exceeded*
SGL0880	H8	8	Benzene	300	=> 5ppmv \ Threshold(30)
			Cyclohexane	500	=> 5ppmv
			Ethylbenzene	22	=> 5ppmv
			Tetrachloroethene	0.0070	
			Toluene	62	=> 5ppmv
			Trichloroethene	0.0080	
			Xylenes (Total)	48	=> 5ppmv
SGL0881	H8	9	All Analytes	ND	
SGL0882	H8	8	Benzene	140	=> 5ppmv \ Threshold(30)
			Cyclohexane	270	=> 5ppmv
			Toluene	9.0	=> 5ppmv
			Xylenes (Total)	11	=> 5ppmv
SGL0883	H8	9	All Analytes	ND	
SGL0884	H8	9	All Analytes	ND	
SGL0885	H8	9	Benzene	130	=> 5ppmv \ Threshold(30)
			Cyclohexane	730	=> 5ppmv
			Ethylbenzene	11	=> 5ppmv
			Heptane	290	=> 5ppmv
			Toluene	16	=> 5ppmv
			Xylenes (Total)	17	=> 5ppmv
			n-Hexane	9.2	=> 5ppmv
SGL0886	H8	10	Benzene	100	=> 5ppmv \ Threshold(30)
			Cyclohexane	240	=> 5ppmv
SGL0887	D9	9	All Analytes	ND	
SGL0888	D9	7	1,1-Dichloroethane	0.028	
			Benzene	0.067	
			Cyclohexane	2.1	
			Tetrachloroethene	0.43	
SGL0889	D9	7	Tetrachloroethene	0.30	
SGL0890	D9	9	All Analytes	ND	
SGL0891	D9	9	All Analytes	ND	
SGL0892	D9	9	All Analytes	ND	
SGL0893	D9	9	All Analytes	ND	
SGL0894	D9	9	All Analytes	ND	
SGL0895	D9	9	All Analytes	ND	
SGL0896	D9	9	All Analytes	ND	
SGL0897	D9	9	All Analytes	ND	
SGL0898	D8	9	All Analytes	ND	
SGL0899	D8	9	All Analytes	ND	
SGL0900	D8	9	All Analytes	ND	
SGL0901	D8	9	Acetone	0.0027	
			Freon 11	0.0014	
			Freon 113	0.10	
			Tetrachloroethene	0.0062	
SGL0902	D8	9	All Analytes	ND	
SGL0903	D8	9	All Analytes	ND	
SGL0904	D8	9	All Analytes	ND	
SGL0905	D9	9	All Analytes	ND	
SGL0906	D9	9	All Analytes	ND	
SGL0907	D9	9	All Analytes	ND	
SGL0908	D9	9	All Analytes	ND	
SGL0909	D9	9	All Analytes	ND	

- \* Threshold value is the concentration for each compound at which there is a potential for significant exposure through an indoor air pathway in an adjacent building. Indoor air monitoring was completed at buildings adjacent to locations where threshold values were exceeded, as possible.

The 5 ppmv criteria was used to determine when step-out sampling was appropriate, and also as a trigger for further evaluation of possible groundwater contamination source areas. Further explanation is provided in Section 5.1 of the report

Each Site ID identified in the table can be found on Figure 24 at the specified grid coordinates.

**TABLE 12**  
**STATISTICAL SUMMARY OF SHALLOW SOIL GAS DATA**

Compound	Times Analyzed	Detection Frequency (%)	Concentration Range Frequency (% by ppmv)					Maximum Concentration (ppmv)	Threshold Value (ppmv)	Frequency of Threshold Value Exceedence (%)	Frequency of 5 ppmv Criteria Exceedence (%)
			ND	ND < x < 5	5 < x < 50	50 < x < 500	=>500				
Benzene	875	23.9	76.1	13.3	5.1	4.2	1.3	4,100	30	6.7	10.6
Styrene	841	8.0	92.0	6.9	0.8	0.1	0.1	1,900	1500	0.1	1.1
1,2-Dibromoethane (EDB)	303	0.7	99.3	0.7	0.0	0.0	0.0	4.9	3.9	0.3	0.0
Ethylbenzene	841	18.4	81.6	12.0	4.5	0.8	1.1	18,000	3000	0.2	6.4
Heptane	6	50.0	50.0	16.7	0.0	16.7	16.7	1,100	-	-	33.3
n-Hexane	6	33.3	66.7	0.0	33.3	0.0	0.0	17	-	-	33.3
Cyclohexane	669	8.7	91.3	3.9	1.3	2.4	1.0	3,300	9000	0.0	4.8
Toluene	841	18.4	81.6	14.5	2.9	1.1	0.0	410	3000	0.0	3.9
Tetrachloroethene	613	34.4	65.6	31.3	2.8	0.3	0.0	210	3000	0.0	3.1
Xylenes (Total)	707	11.6	88.4	9.2	2.0	0.4	0.0	314	3000	0.0	2.4
4-Ethyl Toluene	74	39.2	60.8	37.8	1.4	0.0	0.0	13	-	-	1.4
1,2,4-Trimethylbenzene	75	46.7	53.3	45.3	1.3	0.0	0.0	17	-	-	1.3
1,2-Dichlorobenzene	75	4.0	96.0	2.7	1.3	0.0	0.0	45	-	-	1.3
Freon 113	75	25.3	74.7	24.0	1.3	0.0	0.0	8	-	-	1.3
Trichloroethene	612	10.9	89.1	10.0	0.3	0.5	0.2	540	3000	0.0	1.0
1,4-Dichlorobenzene	158	3.2	96.8	2.5	0.6	0.0	0.0	37	-	-	0.6
1,1,1-Trichloroethane	613	14.8	85.2	14.8	0.0	0.0	0.0	1.3	10500	0.0	0.0
1,1,2,2-Tetrachloroethane	75	2.7	97.3	2.7	0.0	0.0	0.0	0.0033	-	-	0.0
1,1,2-Trichloroethane	158	0.0	100.0	0.0	0.0	0.0	0.0	ND	-	-	0.0
1,1-Dichloroethane	403	0.2	99.8	0.2	0.0	0.0	0.0	0.028	50	0.0	0.0
1,1-Dichloroethene	612	1.0	99.0	1.0	0.0	0.0	0.0	1.5	30	0.0	0.0
1,2,4-Trichlorobenzene	75	1.3	98.7	1.3	0.0	0.0	0.0	0.0038	-	-	0.0
1,2-Dichloroethane	570	0.0	100.0	0.0	0.0	0.0	0.0	ND	30	0.0	0.0
1,2-Dichloropropane	74	0.0	100.0	0.0	0.0	0.0	0.0	ND	-	-	0.0
1,3,5-Trimethylbenzene	75	22.7	77.3	22.7	0.0	0.0	0.0	0.028	-	-	0.0
1,3-Butadiene	6	0.0	100.0	0.0	0.0	0.0	0.0	ND	-	-	0.0
1,3-Dichlorobenzene	75	0.0	100.0	0.0	0.0	0.0	0.0	ND	-	-	0.0
1,4-Dioxane	6	0.0	100.0	0.0	0.0	0.0	0.0	ND	-	-	0.0
2-Hexanone	75	8.0	92.0	8.0	0.0	0.0	0.0	0.04	-	-	0.0
Acetone	75	48.0	52.0	48.0	0.0	0.0	0.0	0.23	-	-	0.0

**TABLE 12**  
**STATISTICAL SUMMARY OF SHALLOW SOIL GAS DATA**

Compound	Times Analyzed	Detection Frequency (%)	Concentration Range Frequency (% by ppmv)					Maximum Concentration (ppmv)	Threshold Value (ppmv)	Frequency of Threshold Value Exceedence (%)	Frequency of 5 ppmv Criteria Exceedence (%)
			ND	ND < x < 5	5 < x < 50	50 < x < 500	=>500				
Acetonitrile	328	2.1	97.9	2.1	0.0	0.0	0.0	0.11	1200	0.0	0.0
Benzyl chloride	75	0.0	100.0	0.0	0.0	0.0	0.0	ND	-	-	0.0
Bromoform	75	0.0	100.0	0.0	0.0	0.0	0.0	ND	-	-	0.0
Bromomethane	75	0.0	100.0	0.0	0.0	0.0	0.0	ND	-	-	0.0
Carbon Tetrachloride	75	1.3	98.7	1.3	0.0	0.0	0.0	0.0099	-	-	0.0
Carbon disulfide	75	4.0	96.0	4.0	0.0	0.0	0.0	0.0055	-	-	0.0
Chlorobenzene	404	0.0	100.0	0.0	0.0	0.0	0.0	ND	2250	0.0	0.0
Chloroethane	303	0.3	99.7	0.3	0.0	0.0	0.0	0.0031	-	-	0.0
Chloroform	495	3.4	96.6	3.4	0.0	0.0	0.0	1.6	60	0.0	0.0
Chloromethane	69	8.7	91.3	8.7	0.0	0.0	0.0	0.046	-	-	0.0
Chloroprene	6	0.0	100.0	0.0	0.0	0.0	0.0	ND	-	-	0.0
Dibromochloromethane	74	0.0	100.0	0.0	0.0	0.0	0.0	ND	-	-	0.0
Dichlorobromomethane	75	1.3	98.7	1.3	0.0	0.0	0.0	0.0029	-	-	0.0
Ethanol	6	16.7	83.3	16.7	0.0	0.0	0.0	0.0073	-	-	0.0
Freon 11	74	31.1	68.9	31.1	0.0	0.0	0.0	1.3	-	-	0.0
Freon 114	68	4.4	95.6	4.4	0.0	0.0	0.0	0.092	-	-	0.0
Freon 12	56	12.5	87.5	12.5	0.0	0.0	0.0	0.39	-	-	0.0
Hexachlorobutadiene	75	0.0	100.0	0.0	0.0	0.0	0.0	ND	-	-	0.0
Isoprene	170	0.0	100.0	0.0	0.0	0.0	0.0	ND	-	-	0.0
Isopropanol	6	16.7	83.3	16.7	0.0	0.0	0.0	0.00039	-	-	0.0
Methyl Ethyl Ketone	479	2.7	97.3	2.7	0.0	0.0	0.0	0.049	6000	0.0	0.0
Methyl isobutyl ketone	75	2.7	97.3	2.7	0.0	0.0	0.0	0.027	-	-	0.0
Methyl tert-butyl ether	6	0.0	100.0	0.0	0.0	0.0	0.0	ND	-	-	0.0
Methylene chloride	571	0.5	99.5	0.5	0.0	0.0	0.0	0.0019	1500	0.0	0.0
Propylene	6	0.0	100.0	0.0	0.0	0.0	0.0	ND	-	-	0.0
Tetrahydrofuran	6	0.0	100.0	0.0	0.0	0.0	0.0	ND	-	-	0.0
Vinyl acetate	75	0.0	100.0	0.0	0.0	0.0	0.0	ND	-	-	0.0
Vinyl chloride	73	0.0	100.0	0.0	0.0	0.0	0.0	ND	-	-	0.0
cis-1,2-Dichloroethene	496	0.2	99.8	0.2	0.0	0.0	0.0	0.0015	6000	0.0	0.0
cis-1,3-Dichloropropene	75	0.0	100.0	0.0	0.0	0.0	0.0	ND	-	-	0.0

**TABLE 12**  
**STATISTICAL SUMMARY OF SHALLOW SOIL GAS DATA**

Compound	Times Analyzed	Detection Frequency (%)	Concentration Range Frequency (% by ppmv)					Maximum Concentration (ppmv)	Threshold Value (ppmv)	Frequency of Threshold Value Exceedence (%)	Frequency of 5 ppmv Criteria Exceedence (%)
			ND	ND < x < 5	5 < x < 50	50 < x < 500	=>500				
n-Butylbenzene	230	0.0	100.0	0.0	0.0	0.0	0.0	ND	-	-	0.0
n-Propylbenzene	230	0.0	100.0	0.0	0.0	0.0	0.0	ND	-	-	0.0
trans-1,2-Dichloroethene	404	0.0	100.0	0.0	0.0	0.0	0.0	ND	6000	0.0	0.0
trans-1,3-Dichloropropene	75	0.0	100.0	0.0	0.0	0.0	0.0	ND	-	-	0.0

**Note:**

Threshold value is the concentration for each compound at which there is a potential for significant exposure through an indoor air pathway in an adjacent building. Indoor air monitoring was completed at buildings adjacent to locations where threshold values were exceeded, as possible.

The 5 ppmv criteria was used to determine when step-out sampling was appropriate, and also as a trigger for further evaluation of possible groundwater contamination source areas. Further explanation is provided in Section 5.1 of the report.

Bolded compounds were detected at concentrations in excess of threshold value at one or more locations.

ND = not detected

**TABLE 13**  
**SUMMARY OF DETECTED VOCs IN DEEP SOIL GAS SAMPLES**

Site ID	Sample Depth (ft. bgs)	Analyte	Concentration (ppmv)
SGL0026	47	1,1,1-Trichloroethane	0.238
		1,1,2-Trichloroethane	0.106
		1,2-Dichloroethane	14.4
		Benzene	1,780
		Chloroform	0.035
		Ethylbenzene	279
		Toluene	4.62
		Trichloroethene	0.013
SGL0027	56	1,2-Dichloroethane	1.08
		Benzene	30,800
		Toluene	55
		Trichloroethene	0.071
SGL0028	59	1,1,1-Trichloroethane	0.097
		Benzene	12,700
		Toluene	189
		Trichloroethene	0.086
SGL0029	59	1,2-Dichloroethane	10.9
		Benzene	16,500
		Toluene	95.6
		Trichloroethene	0.032
SGL0030	57	1,2-Dichloroethane	5.61
		Benzene	2,060
		Chloroform	0.092
		Toluene	12.9
SGL0031	59	1,2-Dichloroethane	4.82
		Benzene	7,510
		Ethylbenzene	1.04
		Toluene	2
SGL0032	59	1,2-Dichloroethane	2.77
		Benzene	8,450
		Chloroform	0.021
		Toluene	7.83
		Trichloroethene	1.5
SGL0033	59	Benzene	10,100
		Toluene	120
		Trichloroethene	0.058
SGL0034	59	Benzene	15,600
		Chloroform	0.068
		Ethylbenzene	240
		Toluene	26.6
SGL0035	48	1,1,1-Trichloroethane	0.013
		1,2-Dichloroethane	1.815
		Benzene	15,300
		Chloroform	0.055
		Ethylbenzene	310
		Toluene	23.4
		Trichloroethene	0.017
SGL0039	59	1,1,1-Trichloroethane	1.15
		1,1-Dichloroethene	7.87
		Benzene	1,760
		Tetrachloroethene	0.208
		Trichloroethene	1
SGL0044	57	1,2-Dichloroethane	9.86
		Benzene	25,900
		Toluene	110

**TABLE 14**  
**SUMMARY OF DETECTED COMPOUNDS AT SURFACE SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
GPL0032	E4	0.5	VOCs	Ethylbenzene n-Butylbenzene	0.051 0.005	
SBL0209	I9	1	SVOCs/PAHs	2-Methylnaphthalene Benzo(a)anthracene Chrysene Fluoranthene Naphthalene Phenanthrene Pyrene	0.00049 0.00038 0.00077 0.0064 0.00072 0.0011 0.00086	
SBL0422	D4	0.5	SVOCs/PAHs	2-Methylnaphthalene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.0063 0.048 0.015 0.0081 0.016 0.0097 0.021 0.026 0.0034 0.034 0.0095 0.016 0.045 0.041	
SBL0427	B5	0.8	SVOCs/PAHs	2-Methylnaphthalene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.0059 0.076 0.045 0.31 0.76 0.48 0.83 0.42 0.37 0.075 0.58 0.51 0.041 0.15 1.1	Industrial PRG(0.21)
SBL0434	E5	1	VOCs	Acetone Methyl Ethyl Ketone	0.15 0.021	
SBL0468	B5	0.5	SVOCs/PAHs	Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Fluoranthene Indeno(1,2,3-c,d)pyrene Phenanthrene Pyrene	0.022 0.018 0.055 0.012 0.045 0.047 0.064 0.012 0.026 0.061	
SBL0469	B5	1	SVOCs/PAHs	Acenaphthylene	0.00099	

**TABLE 14**  
**SUMMARY OF DETECTED COMPOUNDS AT SURFACE SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0469	B5	1	SVOCs/PAHs	Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenzo(a,h)anthracene Fluoranthene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.0021 0.0052 0.0044 0.0072 0.0044 0.0027 0.00049 0.0035 0.0054 0.00036 0.00095 0.0063	
SSL0001-06	I2	0.5	Cyanide	All Analytes	ND	
			SVOCs/PAHs	Bis(2-ethylhexyl)phthalate Butylbenzylphthalate Pyrene	0.77 0.34 0.21	
			Pesticides & PCBs	4,4'-DDE 4,4'-DDT	2.2 5.3	Residential PRG(1.7) Residential PRG(1.7)
			Metals	Al As Ba Be Ca Cd Co Cr Cu Fe K Mg Mn Na Ni Pb V Zn	16,000 30 140 0.53 16,000 6.7 8.8 28 60 23,000 3,100 6,600 360 480 25 46 37 140	Background(10)
SSL0007-10	I3	0.5	Cyanide	All Analytes	ND	
			SVOCs/PAHs	Benzo(a)anthracene Fluoranthene Phenanthrene Pyrene	0.31 0.53 1 0.73	
			Pesticides & PCBs	4,4'-DDE 4,4'-DDT	0.79 4.2	Residential PRG(1.7)
			Metals	Al As Ba Be Ca Cd Co Cr	22,000 5.3 170 0.72 5,000 6.8 11 49	

**TABLE 14**  
**SUMMARY OF DETECTED COMPOUNDS AT SURFACE SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SSL0007-10	I3	0.5	Metals	Cu Fe Hg K Mg Mn Na Ni Pb V Zn	59 31,000 0.21 3,500 7,100 550 440 21 110 46 130	
SSL0011-13	I4	0.5	Cyanide	All Analytes	ND	
			SVOCs/PAHs	2-Methylnaphthalene Acenaphthylene Fluoranthene Phenanthrene Pyrene	0.25 0.47 0.24 1.2 0.76	
			Pesticides & PCBs	4,4'-DDD 4,4'-DDT	2.7 9.1	Residential PRG(2.4) Residential PRG(1.7)
			Metals	Al As Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Na Ni Pb V Zn	19,000 13 170 0.96 6,200 7 11 44 140 27,000 0.35 2,600 6,900 520 1,000 45 74 160 120	Background(10)
SSL0014-16	I5	0.5	Cyanide	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
			Pesticides & PCBs	4,4'-DDD 4,4'-DDT	0.039 0.18	
			Metals	Al As Ba Be Ca Cd Co Cr Cu	19,000 6.3 160 0.53 8,000 6.3 9.9 19 23	

**TABLE 14**  
**SUMMARY OF DETECTED COMPOUNDS AT SURFACE SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SSL0014-16	I5	0.5	Metals	Fe K Mg Mn Na Ni Pb V Zn	26,000 3,200 7,400 360 300 12 9.8 38 77	
SSL0033-34	G7	0.5	Cyanide	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
			Pesticides & PCBs	4,4'-DDD 4,4'-DDE 4,4'-DDT	0.018 0.018 0.075	
			Metals	Al As Ba Be Ca Cd Co Cr Cu Fe K Mg Mn Na Ni Pb V Zn	18,000 5.9 140 0.6 10,000 7.3 11 23 41 27,000 4,100 7,700 540 670 15 8.9 42 63	
SSL0035-36	G7	0.5	Cyanide	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
			Pesticides & PCBs	4,4'-DDD 4,4'-DDE 4,4'-DDT Dieldrin	0.0043 0.0056 0.022 0.0084	
			Metals	Al As Ba Be Ca Cd Co Cr Cu Fe K Mg Mn	21,000 4.7 180 0.68 12,000 6.9 11 22 64 30,000 3,700 8,700 620	

**TABLE 14**  
**SUMMARY OF DETECTED COMPOUNDS AT SURFACE SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SSL0035-36	G7	0.5	Metals	Na Ni Pb V Zn	730 16 5.6 45 58	
SSL0037-42	F8	0.5	Cyanide	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
			Pesticides & PCBs	4,4'-DDD 4,4'-DDE 4,4'-DDT Dieldrin	0.016 0.016 0.075 0.01	
			Metals	Al As Ba Be Ca Cd Co Cr Cu Fe K Mg Mn Na Ni Pb V Zn	15,000 14 140 0.56 9,700 6.8 9.6 18 42 24,000 3,000 6,800 390 510 14 13 38 56	Background(10)
SSL0043-48	F9	0.5	Cyanide	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
			Pesticides & PCBs	4,4'-DDD 4,4'-DDE 4,4'-DDT	0.02 0.038 0.057	
			Metals	Al As Ba Be Ca Cd Co Cr Cu Fe K Mg Mn Na Ni Pb V	15,000 5.5 130 0.52 6,600 6.9 9.2 19 22 23,000 3,400 6,100 350 270 14 37 37	

**TABLE 14**  
**SUMMARY OF DETECTED COMPOUNDS AT SURFACE SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SSL0043-48	F9	0.5	Metals	Zn	62	
SSL0049-54	H7	0.5	Cyanide	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
			Pesticides & PCBs	4,4'-DDD	0.024	
				4,4'-DDE	0.023	
				4,4'-DDT	0.062	
			Metals	Al	22,000	
				As	3.6	
				Ba	200	
				Be	0.65	
				Ca	9,400	
				Cd	6.9	
				Co	11	
				Cr	23	
				Cu	100	
				Fe	31,000	
				Hg	0.29	
				K	3,500	
				Mg	8,300	
				Mn	550	
				Na	600	
				Ni	19	
				Pb	12	
				V	47	
				Zn	69	
SSL0055-60	H7	0.5	Cyanide	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
			Pesticides & PCBs	4,4'-DDD	0.011	
				4,4'-DDE	0.01	
				4,4'-DDT	0.037	
				Dieldrin	0.0054	
			Metals	Al	21,000	
				As	2.6	
				Ba	210	
				Be	0.66	
				Ca	7,400	
				Cd	6.8	
				Co	12	
				Cr	23	
				Cu	38	
				Fe	30,000	
				Hg	0.28	
				K	3,500	
				Mg	8,200	
				Mn	570	
				Na	700	
				Ni	17	
				Pb	6.9	
				V	45	
				Zn	56	

Each boring ID identified in the table can be found on Figure 18 at the specified grid coordinates.

**TABLE 15**  
**STATISTICAL SUMMARY OF SURFACE SOIL DATA**

Compound Class	Compound	Times Analyzed	Detection Frequency (%)	Concentration Range Frequency (% by mg/kg)					Max. Conc. (mg/kg)	Screening Criteria (mg/kg)	Number/Frequency (%) of Screening Criteria Exceedences
				ND - 0.5	>0.5 - 1	>1-10	>10-100	>100			
VOCs	Acetone	2	50.0	100.0	0.0	0.0	0.0	0.0	0.15	1,600	0/0.0
	Ethylbenzene	2	50.0	100.0	0.0	0.0	0.0	0.0	0.051	8.9	0/0.0
	Methyl Ethyl Ketone	2	50.0	100.0	0.0	0.0	0.0	0.0	0.021	7,300	0/0.0
	Naphthalene	17	23.5	100.0	0.0	0.0	0.0	0.0	0.041	190	0/0.0
	n-Butylbenzene	2	50.0	100.0	0.0	0.0	0.0	0.0	0.005	240	0/0.0
SVOCs/PAHs	<b>Benzo(a)pyrene</b>	<b>15</b>	<b>26.7</b>	<b>93.3</b>	<b>6.7</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.76</b>	<b>0.21</b>	<b>1/6.7</b>
	2-Methylnaphthalene	15	26.7	100.0	0.0	0.0	0.0	0.0	0.25	190	0/0.0
	Acenaphthylene	15	20.0	100.0	0.0	0.0	0.0	0.0	0.47	29,000	0/0.0
	Anthracene	15	13.3	100.0	0.0	0.0	0.0	0.0	0.048	100,000	0/0.0
	Benzo(a)anthracene	15	40.0	100.0	0.0	0.0	0.0	0.0	0.31	2.1	0/0.0
	Benzo(b)fluoranthene	15	26.7	100.0	0.0	0.0	0.0	0.0	0.48	2.1	0/0.0
	Benzo(g,h,i)perylene	15	26.7	93.3	6.7	0.0	0.0	0.0	0.83	29,000	0/0.0
	Benzo(k)fluoranthene	15	26.7	100.0	0.0	0.0	0.0	0.0	0.42	1.3	0/0.0
	Bis(2-ethylhexyl)phthalate	10	10.0	90.0	10.0	0.0	0.0	0.0	0.77	35	0/0.0
	Butylbenzylphthalate	10	10.0	100.0	0.0	0.0	0.0	0.0	0.34	12,000	0/0.0
	Chrysene	15	33.3	100.0	0.0	0.0	0.0	0.0	0.37	13	0/0.0
	Dibenzo(a,h)anthracene	15	20.0	100.0	0.0	0.0	0.0	0.0	0.075	0.21	0/0.0
	Fluoranthene	15	46.7	86.7	13.3	0.0	0.0	0.0	0.58	22,000	0/0.0
	Indeno(1,2,3-c,d)pyrene	15	26.7	93.3	6.7	0.0	0.0	0.0	0.51	2.1	0/0.0
	Phenanthrene	15	46.7	86.7	6.7	6.7	0.0	0.0	1.2	29,000	0/0.0
	Pyrene	15	53.3	80.0	13.3	6.7	0.0	0.0	1.1	29,000	0/0.0
Pest./PCBs	<b>4,4'-DDT</b>	<b>10</b>	<b>100.0</b>	<b>70.0</b>	<b>0.0</b>	<b>30.0</b>	<b>0.0</b>	<b>0.0</b>	<b>9.1</b>	<b>1.7</b>	<b>3/30.0</b>
	<b>4,4'-DDD</b>	<b>10</b>	<b>80.0</b>	<b>90.0</b>	<b>0.0</b>	<b>10.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.7</b>	<b>2.4</b>	<b>1/10.0</b>
	<b>4,4'-DDE</b>	<b>10</b>	<b>80.0</b>	<b>80.0</b>	<b>10.0</b>	<b>10.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.2</b>	<b>1.7</b>	<b>1/10.0</b>
	Dieldrin	10	30.0	100.0	0.0	0.0	0.0	0.0	0.01	0.030	0/0.0
Metals	<b>As</b>	<b>10</b>	<b>100.0</b>	<b>0.0</b>	<b>0.0</b>	<b>70.0</b>	<b>30.0</b>	<b>0.0</b>	<b>30</b>	<b>10</b>	<b>3/30.0</b>
	Al	10	100.0	0.0	0.0	0.0	0.0	100.0	22,000	76,000	0/0.0
	Ba	10	100.0	0.0	0.0	0.0	0.0	100.0	210	5,400	0/0.0
	Be	10	100.0	0.0	100.0	0.0	0.0	0.0	0.96	150	0/0.0
	Ca	10	100.0	0.0	0.0	0.0	0.0	100.0	16,000	None	Not Applicable
	Cd	10	100.0	0.0	0.0	100.0	0.0	0.0	7.3	37	0/0.0
	Co	10	100.0	0.0	0.0	40.0	60.0	0.0	12	900	0/0.0
	Cr	10	100.0	0.0	0.0	0.0	100.0	0.0	49	210	0/0.0
	Cu	10	100.0	0.0	0.0	0.0	90.0	10.0	140	3,100	0/0.0
	Fe	10	100.0	0.0	0.0	0.0	0.0	100.0	31,000	43,000	0/0.0
	Hg	10	40.0	100.0	0.0	0.0	0.0	0.0	0.35	23	0/0.0

**TABLE 15**  
**STATISTICAL SUMMARY OF SURFACE SOIL DATA**

Compound Class	Compound	Times Analyzed	Detection Frequency (%)	Concentration Range Frequency (% by mg/kg)					Max. Conc. (mg/kg)	Screening Criteria (mg/kg)	Number/Frequency (%) of Screening Criteria Exceedences
				ND - 0.5	>0.5 - 1	>1-10	>10-100	>100			
Metals	K	10	100.0	0.0	0.0	0.0	0.0	100.0	4,100	None	Not Applicable
	Mg	10	100.0	0.0	0.0	0.0	0.0	100.0	8,700	None	Not Applicable
	Mn	10	100.0	0.0	0.0	0.0	0.0	100.0	620	1,800	0/0.0
	Na	10	100.0	0.0	0.0	0.0	0.0	100.0	1,000	None	Not Applicable
	Ni	10	100.0	0.0	0.0	0.0	100.0	0.0	45	1,600	0/0.0
	Pb	10	100.0	0.0	0.0	40.0	50.0	10.0	110	150	0/0.0
	V	10	100.0	0.0	0.0	0.0	90.0	10.0	160	550	0/0.0
	Zn	10	100.0	0.0	0.0	0.0	70.0	30.0	140	23,000	0/0.0
Cyanide	Cyanide	10	0.0	100.0	0.0	0.0	0.0	0.0		1,200	0/0.0

**Note:**

Surface soil screening criteria are identified in Table 10 and discussed in Section 5.0 in the report.

Bolded compounds were detected at concentrations in excess of screening criteria at one or more locations.

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
B-1	A3	5	Metals	As	1.5	
				Ba	127	
				Co	7.4	
				Cr	17.2	
				Cu	10.7	
		10	Metals	Ni	12.1	
				Pb	5.7	
				V	33.9	
				Zn	30.5	
				As	2.3	
B-3	A3	7	Pesticides & PCBs	All Analytes	ND	
				Metals	As	1.3
				Ba	117	
				Co	7.5	
				Cr	15.1	
				Cu	14.3	
				Ni	11	
				Pb	6.6	
				V	26.3	
				Zn	31.4	
B-4	A3	5	Pesticides & PCBs	All Analytes	ND	
				Metals	As	6.4
				Ba	119	
				Cd	8.6	
				Co	6.3	
				Cr	153	
				Cu	22.6	
				Ni	14.2	
				Pb	35.3	
				Se	0.7	
B-4	A3	10	Pesticides & PCBs	All Analytes	ND	
				Metals	As	2.5
				Ba	130	
				Cd	1.3	
				Co	8.5	
				Cr	18.5	
				Cu	6.5	
				Ni	16.2	
				Pb	6.5	
				V	39.1	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
B-4	A3	10	Metals	Zn	37.2	
B-6	A3	5	VOCs	All Analytes	ND	
		15	VOCs	All Analytes	ND	
B-7	A3	5	VOCs	All Analytes	ND	
		15	VOCs	All Analytes	ND	
B-8	A3	7	Metals	As Ba Co Cr Cu Ni Pb V Zn	1.4 101 6.6 13.6 13 11 5.7 27.5 29.4	
B-14	A3	7	VOCs	All Analytes	ND	
B-15	A3	5	Pesticides & PCBs	All Analytes	ND	
			Metals	As Ba Co Cr Cu Ni Pb V Zn	1.7 162 7.9 18.6 10.8 13.8 5.8 35.7 29.8	
			Pesticides & PCBs	All Analytes	ND	
			Metals	As Ba Co Cr Cu Ni Pb V Zn	2.3 125 9 17.3 15 13.2 6.1 36.9 35.3	
			Pesticides & PCBs	All Analytes	ND	
			Metals	As Ba Co Cr Cu Ni Pb V Zn	1.3 142 7.9 15.1 10.4 10.8 6.3 0.5 26 32.7	
			Pesticides & PCBs	All Analytes	ND	
			Metals	As Ba	1.9 132	
			Pesticides & PCBs	All Analytes	ND	
B-16	A3	5	Pesticides & PCBs	All Analytes	ND	
B-17	A3	5	Pesticides & PCBs	All Analytes	ND	
			Metals	As Ba Co Cr Cu Ni Pb Se V Zn	1.3 142 7.9 15.1 10.4 10.8 6.3 0.5 26 32.7	
			Pesticides & PCBs	All Analytes	ND	
			Metals	As Ba	1.9 132	
			Pesticides & PCBs	All Analytes	ND	
			Metals	As Ba	1.9 132	
			Pesticides & PCBs	All Analytes	ND	
			Metals	As Ba	1.9 132	
			Pesticides & PCBs	All Analytes	ND	
			Metals	As Ba	1.9 132	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
B-17	A3	10	Metals	Co Cr Cu Ni Pb Se V Zn	7.5 16.5 14.5 11.6 6.5 0.6 29.8 35.6	
B-18	B3	7	SVOCs/PAHs	All Analytes	ND	
			Metals	As Ba Co Cr Cu Ni Pb V Zn	1.4 130 6.9 14 14 10 5.2 25 33	
B-20	B3	7	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
			Pesticides & PCBs	Aroclor 1260	0.42	Residential PRG(0.22)
			Metals	As Ba Co Cr Cu Ni Pb V Zn	2.2 119 7.9 15.6 23.6 10.8 27.9 26.5 55.5	
B-21	B3	5	SVOCs/PAHs	All Analytes	ND	
			Pesticides & PCBs	All Analytes	ND	
			Metals	As Ba Be Co Cr Cu Ni Pb Se V Zn	1.4 126 0.5 7.7 16.2 10.1 11.2 8 0.6 32.8 31.9	
B-23	B3	5	Metals	As Ba Co Cr Cu Ni Pb	12.1 124 6.2 32.6 40.9 11.4 48.6	Background(10)

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded	
B-23	B3	5	Metals	Sb	0.6		
				Se	0.8		
B-24	B3	5		V	26.5		
				Zn	103		
		Metals	As	5.2			
			VOCs	All Analytes	ND		
		Pesticides & PCBs	All Analytes	ND			
			Metals	As	2.4		
			Ba	173			
			Co	8			
			Cr	17.8			
B-25	B3		5		Cu	15.2	
					Ni	13.9	
					Pb	6	
					V	36.1	
					Zn	35	
B-26	B3	5	Metals	As	1.4		
				Ba	172		
			Metals	Co	7.9		
				Cr	19.2		
				Cu	9.2		
				Ni	13.3		
				Pb	6.1		
				V	35.4		
B-26	B3	5	Metals	Zn	28		
				VOCs	1,2,4-Trichlorobenzene	0.02	
			Metals	SVOCs/PAHs	All Analytes	ND	
				As	1.4		
				Ba	108		
				Co	5.3		
				Cr	13.6		
				Cu	9.8		
B-26	B3	10	Metals	Ni	8.9		
				Pb	4.3		
				V	31		
				Zn	27.7		
			Metals	VOCs	All Analytes	ND	
				SVOCs/PAHs	All Analytes	ND	
			Metals	As	2.1		
				Ba	105		
				Co	7		
				Cr	14.2		
B-28	B3	10		Cu	13.1		
				Ni	10.4		
B-29	B3	7	VOCs	Pb	4.5		
				V	29.8		
B-30	B3	5	Metals	Zn	33.6		
			As		1.3		

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
B-30	B3	5	Metals	Ba	119	
				Co	6.4	
				Cr	12.9	
				Cu	10.4	
				Ni	9.4	
				Pb	5	
				Se	0.5	
				V	25.9	
				Zn	31.8	
		10	Metals	As	1.9	
				Ba	97.2	
				Co	7	
				Cr	14.2	
				Cu	13.1	
				Ni	10.7	
				Pb	5.6	
				Se	0.6	
				V	28	
				Zn	33	
B-32	A2	7	Pesticides & PCBs	All Analytes	ND	
B-33	B3	7	VOCs	All Analytes	ND	
GP-1	G7	10	VOCs	All Analytes	ND	
GP2	I7	10.5	VOCs	All Analytes	ND	
GP4	I7	10.5	VOCs	All Analytes	ND	
GP6	I7	5.5	VOCs	Benzene	0.89	Residential PRG(0.60)
GP-7	F7	10	VOCs	All Analytes	ND	
GP8	I7	10.5	VOCs	Benzene	3.8	Residential PRG(0.60)
GP9	I8	5.5	VOCs	All Analytes	ND	
GP-9	G7	10	VOCs	All Analytes	ND	
GP10	I8	5.5	VOCs	Benzene	2.1	Residential PRG(0.60)
		10.5	VOCs	Benzene	3.5	Residential PRG(0.60)
				Ethylbenzene	0.008	
				Naphthalene	0.008	
				Styrene	0.001	
				Toluene	0.004	
GP11	I8	5.5	VOCs	Benzene	4	Residential PRG(0.60)
GP-11	G7	10	VOCs	All Analytes	ND	
GP14	I7	10.5	VOCs	All Analytes	ND	
GP15	I7	6	VOCs	All Analytes	ND	
GP-16	F7	15	VOCs	All Analytes	ND	
GP18	I7	10.5	VOCs	All Analytes	ND	
GP21	I8	5.5	VOCs	All Analytes	ND	
GP24	I7	5.5	VOCs	All Analytes	ND	
GP25	I8	10.5	VOCs	Benzene	0.62	Residential PRG(0.60)
GP34	I8	10.5	VOCs	All Analytes	ND	
GPL0001	E4	4.5	VOCs	All Analytes	ND	
GPL0002	E4	3.5	VOCs	Benzene	0.002	
				Isopropylbenzene	0.002	
				Naphthalene	0.095	
				Styrene	0.003	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
GPL0002	E4	3.5	VOCs	Toluene	0.002	
				Xylenes (Total)	0.038	
				n-Butylbenzene	0.02	
				n-Propylbenzene	0.007	
				sec-Butylbenzene	0.032	
				tert-Butylbenzene	0.002	
		4.8	VOCs	All Analytes	ND	
GPL0003	E4	1.5	VOCs	Tetrachloroethene	0.003	
GPL0004	E4	2.2	VOCs	All Analytes	ND	
GPL0005	E4	3.8	VOCs	All Analytes	ND	
GPL0006	E4	4.3	VOCs	Tetrachloroethene	0.007	
GPL0007	E4	2.3	VOCs	Tetrachloroethene	0.017	
GPL0008	E4	2.2	VOCs	All Analytes	ND	
GPL0009	E4	2.2	VOCs	Tetrachloroethene	0.044	
GPL0010	E4	4.7	VOCs	Cyclohexane	0.004	
				Tetrachloroethene	0.097	
GPL0011	E4	1.3	VOCs	Tetrachloroethene	0.006	
GPL0012	E4	2	VOCs	Tetrachloroethene	0.002	
GPL0013	E4	3	VOCs	All Analytes	ND	
GPL0014	E4	2.3	VOCs	All Analytes	ND	
GPL0015	E4	3.8	VOCs	All Analytes	ND	
GPL0016	E4	4.8	VOCs	1,2,4-Trimethylbenzene	76	Residential PRG(52)
				Benzene	0.17	
				Cyclohexane	0.7	
				Ethylbenzene	1.6	
				Isopropylbenzene	1.3	
				Naphthalene	0.09	
				Toluene	0.01	
				Xylenes (Total)	1.115	
				n-Butylbenzene	27	
				n-Propylbenzene	1.7	
				sec-Butylbenzene	51	
GPL0017	E4	3.8	VOCs	Benzene	0.004	
				Ethylbenzene	0.004	
				Naphthalene	0.002	
				Toluene	0.002	
				Xylenes (Total)	0.003	
				n-Butylbenzene	0.007	
				sec-Butylbenzene	0.01	
GPL0018	E4	2.8	VOCs	Benzene	0.001	
				n-Butylbenzene	0.001	
GPL0019	E4	3.5	VOCs	n-Butylbenzene	0.007	
				sec-Butylbenzene	0.011	
GPL0020	E4	1.5	VOCs	Ethylbenzene	0.001	
				n-Butylbenzene	0.001	
GPL0021	E4	4.8	VOCs	All Analytes	ND	
GPL0022	F4	4.8	VOCs	sec-Butylbenzene	0.002	
GPL0023	F4	4.7	VOCs	All Analytes	ND	
GPL0024	E4	3.3	VOCs	Naphthalene	0.003	
GPL0025	F4	3.8	VOCs	All Analytes	ND	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
GPL0026	E4	4.8	VOCs	Isopropylbenzene n-Butylbenzene sec-Butylbenzene	0.008 0.23 0.29	
GPL0027	E4	3.8	VOCs	n-Butylbenzene sec-Butylbenzene	0.004 0.003	
GPL0028	E4	2.5	VOCs	n-Butylbenzene sec-Butylbenzene	0.02 0.025	
GPL0030	E4	3.7	VOCs	Ethylbenzene Naphthalene n-Butylbenzene sec-Butylbenzene	0.002 0.002 0.021 0.018	
GPL0031	E4	3.7	VOCs	Isopropylbenzene n-Butylbenzene	0.001 0.003	
GPL0032	E4	0.5	VOCs	Ethylbenzene n-Butylbenzene	0.051 0.005	
HB1	I7	5	VOCs	Benzene Ethylbenzene Toluene Xylenes (Total)	0.021 0.12 0.19 0.38	
PZL0021	H3	9	VOCs	Ethylbenzene	82	Residential PRG(8.9)
			SVOCs/PAHs	All Analytes	ND	
S-4	A3	5	Pesticides & PCBs	All Analytes	ND	
		10	Pesticides & PCBs	All Analytes	ND	
S-7	A3	5	Pesticides & PCBs	Aroclor 1260	0.22	
		10	Pesticides & PCBs	All Analytes	ND	
S-15	B3	5	VOCs	All Analytes	ND	
S-16	B3	5	VOCs	All Analytes	ND	
S-16A	B3	5	VOCs	1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene Ethylbenzene Isopropylbenzene Tetrachloroethene	0.006 0.058 0.007 0.055 0.005	
S-17	B3	5	VOCs	Toluene Xylenes (Total)	0.005 0.007	
S-18	B3	5	VOCs	All Analytes	ND	
SBL0036	D3	4.5	VOCs	Ethylbenzene Styrene	4,300 15,000	Residential PRG(8.9) Residential PRG(1,700)
			SVOCs/PAHs	N-Nitrosodiphenylamine	280	Residential PRG(99)
			Metals	Al	20,000	
				As	2.7	
				Ba	130	
				Be	0.46	
				Ca	3,600	
				Cd	14	
				Co	11	
				Cr	58	
				Cu	33	
				Fe	24,000	
				Hg	0.33	
				K	3,400	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0036	D3	4.5	Metals	Mg	5,300	
				Mn	400	
				Na	4,100	
				Ni	18	
				Pb	28	
				V	38	
				Zn	77	
		9	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
		14	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
SBL0036-38	D3	7	Cyanide	All Analytes	ND	
			Pesticides & PCBs	All Analytes	ND	
			Metals	Al	18,000	
				As	4	
				Ba	140	
				Be	0.5	
				Ca	11,000	
				Cd	14	
				Co	11	
				Cr	20	
				Cu	26	
				Fe	25,000	
				K	4,200	
				Mg	8,900	
				Mn	560	
				Na	1,300	
				Ni	16	
				Pb	9.7	
				V	39	
				Zn	53	
		12.8	Cyanide	All Analytes	ND	
			Pesticides & PCBs	All Analytes	ND	
			Metals	Al	12,000	
				As	3	
				Ba	120	
				Be	0.31	
				Ca	8,500	
				Cd	9.5	
				Co	8.2	
				Cr	12	
				Cu	16	
				Fe	18,000	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0036-38	D3	12.8	Metals	Zn	43	
SBL0037	D3	7	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
		8	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
SBL0038	D4	7.5	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
		10	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
SBL0040	D3	11	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
SBL0040-42	D3	4.8	Cyanide	All Analytes	ND	
			Pesticides & PCBs	All Analytes	ND	
			Metals	Al As Ba Be Ca Cd Co Cr Cu Fe K Mg Mn Na Ni Pb V Zn	19,000 2 160 0.52 4,000 16 11 21 20 27,000 4,700 7,400 370 2,400 13 11 42 51	
			Cyanide	All Analytes	ND	
			Pesticides & PCBs	All Analytes	ND	
			Metals	Al As Ba Be Ca Cd Co Cr Cu Fe K Mg Mn Na Ni Pb V	22,000 3.3 140 0.48 7,300 17 12 23 26 29,000 4,100 8,800 530 1,300 16 13 47	
		9.5	Cyanide	All Analytes	ND	
			Pesticides & PCBs	All Analytes	ND	
			Metals	Al As Ba Be Ca Cd Co Cr Cu Fe K Mg Mn Na Ni Pb V	22,000 3.3 140 0.48 7,300 17 12 23 26 29,000 4,100 8,800 530 1,300 16 13 47	
			Cyanide	All Analytes	ND	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0040-42	D3	9.5	Metals	Zn	55	
			Cyanide	All Analytes	ND	
			Pesticides & PCBs	All Analytes	ND	
		9.7	Metals	Al	21,000	
				As	3.4	
				Ba	140	
				Be	0.48	
				Ca	7,200	
				Cd	17	
				Co	12	
				Cr	22	
				Cu	27	
				Fe	29,000	
				K	4,200	
				Mg	8,800	
				Mn	520	
				Na	1,500	
				Ni	16	
		13		Pb	12	
				V	45	
				Zn	56	
			Cyanide	All Analytes	ND	
			Pesticides & PCBs	All Analytes	ND	
			Metals	Al	19,000	
				As	3.4	
				Ba	130	
				Be	0.44	
				Ca	7,400	
				Cd	15	
				Co	11	
				Cr	19	
				Cu	23	
				Fe	26,000	
				K	3,900	
				Mg	8,200	
				Mn	370	
				Na	920	
				Ni	13	
				Pb	10	
				V	42	
				Zn	53	
SBL0041	C3	9.5	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
SBL0042	D4	8.5	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
SBL0043	C4	10	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
SBL0043-45	C4	4.7	Cyanide	All Analytes	ND	
			Pesticides & PCBs	All Analytes	ND	
			Metals	Al	21,000	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0043-45	C4	4.7	Metals	As	2.2	
				Ba	88	
				Be	0.49	
				Ca	4,100	
				Cd	15	
				Co	11	
				Cr	22	
				Cu	19	
				Fe	26,000	
				K	4,200	
				Mg	6,700	
				Mn	390	
				Na	720	
				Ni	13	
				Pb	13	
				V	43	
				Zn	49	
	6.8	Cyanide	All Analytes	ND		
		Pesticides & PCBs	All Analytes	ND		
		Metals	Al	14,000		
	9		Ba	93		
			Be	0.42		
			Ca	3,500		
			Cd	15		
			Co	9.7		
			Cr	15		
			Cu	16		
			Fe	20,000		
			K	3,700		
			Mg	5,500		
			Mn	370		
			Na	640		
			Ni	10		
			V	32		
		Cyanide	All Analytes	ND		
		Pesticides & PCBs	All Analytes	ND		
		Metals	Al	16,000		
			As	2.7		
			Ba	100		
			Be	0.41		
			Ca	4,400		
			Cd	15		
			Co	10		
			Cr	18		
			Cu	20		
			Fe	24,000		
			K	4,300		
			Mg	6,700		
			Mn	390		

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0043-45	C4	9	Metals	Na	560	
				Ni	12	
				Pb	8.6	
				V	40	
				Zn	46	
		12.3	Cyanide	All Analytes	ND	
			Pesticides & PCBs	All Analytes	ND	
			Metals	Al	11,000	
				As	2.3	
				Ba	110	
				Be	0.33	
				Ca	4,700	
				Cd	13	
				Co	8.4	
				Cr	13	
				Cu	15	
				Fe	17,000	
				K	2,700	
				Mg	5,500	
				Mn	300	
				Na	440	
				Ni	9.8	
				V	28	
				Zn	38	
SBL0044	D4	4	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
		8	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
		13	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
SBL0045	C5	9	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
SBL0046	D4	8	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
SBL0046-48	D4	4	Cyanide	All Analytes	ND	
			Pesticides & PCBs	All Analytes	ND	
			Metals	Al	10,000	
				As	2.6	
				Ba	85	
				Be	0.38	
				Ca	4,500	
				Cd	13	
				Co	9.8	
				Cr	13	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0046-48	D4	4	Metals	Ni	11	
				Pb	4.8	
				V	30	
				Zn	41	
		8	Cyanide	All Analytes	ND	
			Pesticides & PCBs	All Analytes	ND	
			Metals	Al	11,000	
				As	2.6	
				Ba	92	
				Be	0.34	
				Ca	4,500	
				Cd	13	
				Co	8.8	
				Cr	13	
				Cu	16	
				Fe	18,000	
				K	3,400	
				Mg	7,000	
				Mn	340	
				Na	760	
				Ni	11	
				Pb	4.2	
				V	29	
				Zn	38	
		12	Cyanide	All Analytes	ND	
			Pesticides & PCBs	All Analytes	ND	
			Metals	Al	12,000	
				As	2	
				Ba	100	
				Be	0.31	
				Ca	4,800	
				Cd	13	
				Co	8.1	
				Cr	13	
				Cu	16	
				Fe	18,000	
				K	2,400	
				Mg	7,200	
				Mn	310	
				Na	580	
				Ni	9.8	
				V	25	
				Zn	39	
SBL0047	D4	4	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
		8	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
		13	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
SBL0048	D5	8	VOCs	All Analytes	ND	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0048	D5	8	SVOCs/PAHs	All Analytes	ND	
SBL0064	I4	15	Cyanide	All Analytes	ND	
			VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
			Pesticides & PCBs	All Analytes	ND	
			Metals	Al As Ba Be Ca Cd Co Cr Cu Fe K Mg Mn Na Ni Pb V Zn	27,000 1.8 130 0.81 18,000 8.4 13 28 31 41,000 4,900 13,000 300 1,100 17 11 60 71	
SBL0065	I3	7	Cyanide	All Analytes	ND	
			VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
			Pesticides & PCBs	All Analytes	ND	
			Metals	Al As Ba Be Ca Cd Co Cr Cu Fe K Mg Mn Na Ni Pb V Zn	23,000 4.6 110 0.71 8,600 8.6 13 25 26 36,000 6,200 12,000 570 1,100 18 11 53 69	
SBL0066	I3	5	Cyanide	All Analytes	ND	
			VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
			Pesticides & PCBs	4,4'-DDE 4,4'-DDT	0.011 0.054	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0066	I3	5	Metals	Al As Ba Be Ca Cd Co Cr Cu Fe K Mg Mn Na Ni Pb V Zn	22,000 1 140 0.63 8,800 7.6 12 20 21 33,000 5,600 12,000 350 660 12 9.7 48 64	
		15	Cyanide	All Analytes	ND	
			VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
			Pesticides & PCBs	All Analytes	ND	
			Metals	Al As Ba Be Ca Cd Co Cr Cu Fe K Mg Mn Na Ni Pb V Zn	27,000 1.4 150 0.9 14,000 8.7 15 26 33 43,000 6,900 13,000 610 1,200 19 13 60 79	
SBL0068	F3	7	VOCs	Ethylbenzene	12,000	Residential PRG(8.9)
SBL0069	F3	7	VOCs	Ethylbenzene	31	Residential PRG(8.9)
		10	Cyanide	All Analytes	ND	
			VOCs	Ethylbenzene	12,000	Residential PRG(8.9)
		11.6	SVOCs/PAHs	All Analytes	ND	
			Pesticides & PCBs	All Analytes	ND	
			Metals	Al As Ba Be	24,000 2.4 160 0.74	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0069	F3	11.6	Metals	Ca Cd Co Cr Cu Fe K Mg Mn Na Ni Pb V Zn	8,700 3.8 14 23 23 34,000 5,400 11,000 400 330 16 16 53 69	
		15	VOCs	Ethylbenzene	3.6	
SBL0071	F3	11	VOCs	All Analytes	ND	
SBL0073	F3	6	VOCs	All Analytes	ND	
SBL0075	I4	15	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
SBL0109	I4	4.5	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
		15	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
SBL0123	H9	15	VOCs	1,2,4-Trimethylbenzene 2-Hexanone Benzene Cyclohexane Ethylbenzene Methyl isobutyl ketone (MIBK) Toluene Xylenes (Total)	4.4 45 5.9 110 17 24 18 22	Residential PRG(0.60) Residential PRG(8.9)
			SVOCs/PAHs	Phenanthrene	2.6	
SBL0125	F3	12.5	VOCs	Ethylbenzene sec-Butylbenzene	37 1	Residential PRG(8.9)
			SVOCs/PAHs	Di-n-butylphthalate	0.33	
SBL0208	I9	1.3	SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Chrysene Fluoranthene Fluorene Naphthalene Phenanthrene Pyrene	0.0034 0.043 0.014 0.04 0.0016 0.0035 0.0081 0.079 0.0044 0.25 0.022	
		9.5	SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene	0.0015 0.033 0.011 0.081	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0208	I9	9.5	SVOCs/PAHs	Benzo(a)anthracene Benzo(a)pyrene Benzo(g,h,i)perylene Chrysene Fluoranthene Fluorene Naphthalene Phenanthrene Pyrene	0.0043 0.0035 0.0026 0.0096 0.017 0.026 0.0057 0.15 0.04	
SBL0209	I9	1	SVOCs/PAHs	2-Methylnaphthalene Benzo(a)anthracene Chrysene Fluoranthene Naphthalene Phenanthrene Pyrene	0.00049 0.00038 0.00077 0.0064 0.00072 0.0011 0.00086	
SBL0210	I9	1.5	SVOCs/PAHs	2-Methylnaphthalene Benzo(a)anthracene Benzo(a)pyrene Benzo(g,h,i)perylene Chrysene Fluoranthene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.00057 0.00048 0.00093 0.00085 0.00084 0.0086 0.001 0.00034 0.00045 0.00059	
SBL0211	I9	1.5	SVOCs/PAHs	2-Methylnaphthalene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Fluoranthene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.0005 0.0009 0.00095 0.0012 0.0006 0.001 0.0015 0.0088 0.00061 0.00068 0.00085 0.0016	
SBL0212	H9	1.5	SVOCs/PAHs	Chrysene	0.0074	
SBL0213	H9	1.5	SVOCs/PAHs	All Analytes	ND	
SBL0214	H9	1.5	SVOCs/PAHs	All Analytes	ND	
SBL0215	H9	11.3	SVOCs/PAHs	All Analytes	ND	
SBL0216	H9	1.5	SVOCs/PAHs	All Analytes	ND	
SBL0217	H9	1.5	SVOCs/PAHs	All Analytes	ND	
SBL0218	H9	15	SVOCs/PAHs	2-Methylnaphthalene Naphthalene	0.018 0.0086	
SBL0219	H9	12	SVOCs/PAHs	Naphthalene	0.18	
SBL0220	H9	1.5	SVOCs/PAHs	All Analytes	ND	
SBL0221	H9	6	SVOCs/PAHs	Pyrene	0.0066	
SBL0222	H8	11.3	SVOCs/PAHs	2-Methylnaphthalene	4.4	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0222	H8	11.3	SVOCs/PAHs	Fluorene Naphthalene Phenanthrene Pyrene	0.14 1.4 1.9 0.36	
SBL0223	H8	13.8	VOCs	Acetone Carbon disulfide	0.074 0.0049	
			SVOCs/PAHs	Fluoranthene Pyrene	0.0064 0.0094	
			Metals	As Ba Be Cd Co Cr Cu Hg Mo Ni Pb Se V Zn	1.9 85.4 0.32 0.16 4.9 12 12.3 0.046 0.33 9.1 2.7 0.86 30 35.8	
			PH	pH	8.1	
SBL0224	G8	7	VOCs	Acetone	0.036	
			SVOCs/PAHs	All Analytes	ND	
			Metals	As Ba Be Cd Co Cr Cu Hg Mo Ni Pb Se V Zn	5.1 122 0.75 0.53 10.9 29.2 31.1 0.057 0.9 20.3 6.3 1.6 66.3 75.4	
			PH	pH	8.7	
SBL0225	H8	5.5	SVOCs/PAHs	Acenaphthene Anthracene Phenanthrene Pyrene	0.0075 0.0098 0.0072 0.014	
SBL0226	H8	14.2	SVOCs/PAHs	Naphthalene Phenanthrene Pyrene	0.066 0.47 0.085	
SBL0227	H8	7.5	SVOCs/PAHs	Anthracene Chrysene Fluoranthene	0.0054 0.0052 0.011	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0227	H8	7.5	SVOCs/PAHs	Naphthalene Phenanthrene Pyrene	0.0052 0.019 0.023	
SBL0228	H8	8.8	VOCs	Acetone Benzene Methyl Ethyl Ketone	0.22 0.0029 0.016	
			SVOCs/PAHs	All Analytes	ND	
SBL0229	H8	12.3	VOCs	Acetone Benzene	0.1 0.0025	
			SVOCs/PAHs	All Analytes	ND	
SBL0230	H8	7.5	SVOCs/PAHs	All Analytes	ND	
SBL0231	I8	5	Chromium	Chromium (Total) Chromium (VI)	38.8 0.76	
SBL0232	I8	5	Chromium	Chromium (Total) Chromium (VI)	34.1 0.74	
SBL0233	G8	5.2	VOCs	Acetone Carbon disulfide	0.068 0.0022	
			SVOCs/PAHs	All Analytes	ND	
			Metals	As	4.6	
				Ba	159	
				Be	0.76	
				Cd	1.6	
				Co	11.5	
				Cr	28.9	
				Cu	33.9	
				Hg	0.054	
SBL0234	G8	11	SVOCs/PAHs	All Analytes	8.9	
SBL0235	H8	14.75	SVOCs/PAHs	2-Methylnaphthalene Anthracene Fluorene Naphthalene Phenanthrene Pyrene	0.036 0.034 0.059 0.084 0.59 0.098	
SBL0236	H8	14.75	SVOCs/PAHs	All Analytes	ND	
SBL0237	H8	14.4	VOCs	Benzene Ethylbenzene Toluene	0.22 0.14 0.079	
				Xylenes (Total)	0.34	
			SVOCs/PAHs	All Analytes	ND	
SBL0238	H8	6.2	SVOCs/PAHs	All Analytes	ND	
SBL0239	H8	6.2	SVOCs/PAHs	2-Methylnaphthalene Naphthalene	0.023 0.067	
SBL0240	H8	11.5	SVOCs/PAHs	2-Methylnaphthalene	0.054	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded	
SBL0240	H8	11.5	SVOCs/PAHs	Naphthalene Phenanthrene Pyrene	0.006 0.018 0.0056		
SBL0241	H8	1.8	SVOCs/PAHs	All Analytes	ND		
SBL0242	G9	11.7	SVOCs/PAHs	All Analytes	ND		
SBL0243	G9	1.8	SVOCs/PAHs	All Analytes	ND		
SBL0244	D3	1.5	SVOCs/PAHs	Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.0036 0.0091 0.0076 0.018 0.02 0.023 0.014 0.013 0.026 0.0039 0.05 0.0073 0.017 0.0047 0.052 0.053		
				Pesticides & PCBs	4,4'-DDD 4,4'-DDE 4,4'-DDT Aroclor 1260	0.033 0.035 0.1 0.02	
				7	VOCs	0.0083 0.023	
				13	VOCs	ND	
				1,1-Dichloroethane Acetone Ethylbenzene Methyl Ethyl Ketone Naphthalene Styrene	0.011 0.072 0.002 0.022 0.0022 0.0034		
				SVOCs/PAHs	Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.0037 0.0034 0.0046 0.0025 0.0022 0.0075 0.00074 0.0043 0.0022 0.0012 0.0029 0.0057	
				Pesticides & PCBs	4,4'-DDD	0.013	
				15	VOCs	0.0044 0.0056	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded	
SBL0246	D3	1.5	SVOCs/PAHs	2-Methylnaphthalene	0.04		
				Acenaphthene	0.016		
				Acenaphthylene	0.071		
				Anthracene	0.043		
				Benzo(a)anthracene	0.059		
				Benzo(a)pyrene	0.043		
				Benzo(b)fluoranthene	0.049		
				Benzo(g,h,i)perylene	0.043		
				Benzo(k)fluoranthene	0.034		
				Chrysene	0.086		
				Dibenz(a,h)anthracene	0.012		
				Fluoranthene	0.067		
				Fluorene	0.015		
				Indeno(1,2,3-c,d)pyrene	0.031		
				Naphthalene	0.034		
				Phenanthrene	0.09		
				Pyrene	0.089		
				Pesticides & PCBs	4,4'-DDD	0.13	
					4,4'-DDE	0.044	
					4,4'-DDT	0.15	
SBL0247	D3	3	VOCs	Aroclor 1260	0.079		
				Tetrachloroethene	0.0086		
				Trichloroethene	0.024		
				Trichloroethene	0.0033		
				Acetone	0.32		
				Benzene	0.0091		
				Ethylbenzene	0.0058		
			SVOCs/PAHs	Methyl Ethyl Ketone	0.093		
				Styrene	0.052		
				Tetrachloroethene	0.064		
				Trichloroethene	0.069	Residential PRG(0.053)	
				Acenaphthylene	0.0021		
				Anthracene	0.00071		
				Benzo(a)anthracene	0.01		
				Benzo(a)pyrene	0.0066		
				Benzo(b)fluoranthene	0.0096		
				Benzo(g,h,i)perylene	0.061		
				Benzo(k)fluoranthene	0.0032		
				Chrysene	0.03		
				Dibenz(a,h)anthracene	0.00061		
				Fluoranthene	0.022		
				Indeno(1,2,3-c,d)pyrene	0.0082		
				Naphthalene	0.0027		
				Phenanthrene	0.01		
				Pyrene	0.1		
				Pesticides & PCBs	All Analytes	ND	
				13	VOCs		
				Tetrachloroethene	0.003		
				Trichloroethene	0.0087		
SBL0248	D3	1.5	SVOCs/PAHs	2-Methylnaphthalene	0.006		
				Acenaphthylene	0.018		

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0248	D3	1.5	SVOCs/PAHs	Anthracene	0.01	
				Benzo(a)anthracene	0.024	
				Benzo(a)pyrene	0.028	
				Benzo(b)fluoranthene	0.027	
				Benzo(g,h,i)perylene	0.024	
				Benzo(k)fluoranthene	0.016	
				Chrysene	0.041	
				Dibenz(a,h)anthracene	0.0075	
				Fluoranthene	0.039	
				Indeno(1,2,3-c,d)pyrene	0.015	
SBL0249	D3	1.5	Pesticides & PCBs	4,4'-DDD	0.048	
				4,4'-DDE	0.023	
				4,4'-DDT	0.017	
			VOCs	Tetrachloroethene	0.0099	
				Trichloroethene	0.023	
			VOCs	Chloroform	0.0017	Residential PRG(0.053)
				Tetrachloroethene	0.048	
				Trichloroethene	0.095	
				cis-1,2-Dichloroethene	0.0058	
SBL0250	D3	1.5	SVOCs/PAHs	Fluoranthene	0.00042	
				Naphthalene	0.00066	
				Phenanthrene	0.0004	
			Pesticides & PCBs	All Analytes	ND	
				Tetrachloroethene	0.0074	
			VOCs	Trichloroethene	0.021	
				Chloroform	0.0035	Residential PRG(0.053)
				Tetrachloroethene	0.084	
				Trichloroethene	0.19	
				cis-1,2-Dichloroethene	0.011	
SBL0250	D3	1.5	SVOCs/PAHs	Acenaphthene	0.0012	
				Acenaphthylene	0.0049	
				Anthracene	0.0047	
				Benzo(a)anthracene	0.0084	
				Benzo(a)pyrene	0.01	
				Benzo(b)fluoranthene	0.0095	
				Benzo(g,h,i)perylene	0.0086	
				Benzo(k)fluoranthene	0.0057	
				Chrysene	0.013	
				Dibenz(a,h)anthracene	0.0018	
SBL0250	D3	1.5	Pesticides & PCBs	Fluoranthene	0.011	
				Fluorene	0.0025	
				Indeno(1,2,3-c,d)pyrene	0.0072	
				Naphthalene	0.0025	
SBL0250	D3	1.5	SVOCs/PAHs	Phenanthrene	0.019	
				Pyrene	0.02	
				4,4'-DDD	0.029	
				4,4'-DDE	0.01	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0250	D3	1.5	Pesticides & PCBs	4,4'-DDT	0.035	
		7	VOCs	Tetrachloroethene	0.015	
				Trichloroethene	0.041	
SBL0251	E5	3.5	VOCs	Tetrachloroethene	0.0028	
				Trichloroethene	0.0086	
			SVOCs/PAHs	Acetone	0.021	
				Acenaphthene	0.0025	
				Acenaphthylene	0.003	
				Anthracene	0.029	
				Benzo(a)anthracene	0.015	
				Benzo(a)pyrene	0.01	
				Benzo(b)fluoranthene	0.034	
				Benzo(g,h,i)perylene	0.0067	
				Benzo(k)fluoranthene	0.013	
				Chrysene	0.038	
				Dibenz(a,h)anthracene	0.026	
				Fluoranthene	0.04	
				Fluorene	0.0091	
				Indeno(1,2,3-c,d)pyrene	0.0063	
				Naphthalene	0.0047	
				Phenanthrene	0.079	
				Pyrene	0.035	
SBL0252	E5	5.5	SVOCs/PAHs	Anthracene	0.0028	
				Benzo(a)anthracene	0.0006	
				Benzo(b)fluoranthene	0.00069	
				Benzo(k)fluoranthene	0.0005	
				Chrysene	0.00092	
				Dibenz(a,h)anthracene	0.00028	
				Fluoranthene	0.0034	
				Fluorene	0.0011	
				Naphthalene	0.0011	
				Phenanthrene	0.012	
				Pyrene	0.0019	
			VOCs	All Analytes	ND	
SBL0253	E5	6	VOCs	Benzene	6.4	Residential PRG(0.60) Residential PRG(8.9)
				Ethylbenzene	170	
				Styrene	13	
				Toluene	34	
			SVOCs/PAHs	2-Methylnaphthalene	0.015	
				Acenaphthene	0.0036	
				Acenaphthylene	0.004	
				Anthracene	0.018	
				Benzo(a)anthracene	0.0049	
				Benzo(a)pyrene	0.0038	
				Benzo(b)fluoranthene	0.0057	
				Benzo(g,h,i)perylene	0.0018	
				Benzo(k)fluoranthene	0.0039	
				Chrysene	0.011	
				Dibenz(a,h)anthracene	0.0037	
				Fluoranthene	0.019	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0253	E5	6	SVOCs/PAHs	Fluorene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.015 0.0018 0.036 0.16 0.015	
SBL0254	E5	10	VOCs	Benzene Ethylbenzene	0.77 14	Residential PRG(0.60) Residential PRG(8.9)
			SVOCs/PAHs	Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Fluoranthene Fluorene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.001 0.00069 0.0011 0.00071 0.0012 0.0012 0.0014 0.017 0.0012 0.00047 0.0075 0.0012	
SBL0255	F5	1.5	SVOCs/PAHs	2-Methylnaphthalene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.064 0.13 0.029 0.092 0.095 0.13 0.07 0.085 0.13 0.019 0.13 0.066 0.015 0.1 0.18	
		7	VOCs	All Analytes	ND	
SBL0256	F5	1.5	SVOCs/PAHs	2-Methylnaphthalene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Fluoranthene Phenanthrene Pyrene	0.032 0.037 0.039 0.056 0.053 0.049 0.14 0.049 0.13 0.14	
		6.9	VOCs	All Analytes	ND	
SBL0257	F5	1.5	SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene	0.098 0.01 0.14 0.043	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0257	F5	1.5	SVOCs/PAHs	Benzo(a)anthracene	0.14	
				Benzo(a)pyrene	0.064	
				Benzo(b)fluoranthene	0.11	
				Benzo(g,h,i)perylene	0.048	
				Benzo(k)fluoranthene	0.091	
				Chrysene	0.26	
				Dibenz(a,h)anthracene	0.023	
				Fluoranthene	0.39	
				Fluorene	0.011	
				Indeno(1,2,3-c,d)pyrene	0.048	
				Naphthalene	0.02	
				Phenanthrene	0.29	
				Pyrene	0.73	
		6.5	VOCs	All Analytes	ND	
SBL0258	F5	1.5	SVOCs/PAHs	2-Methylnaphthalene	0.026	
				Acenaphthylene	0.044	
				Anthracene	0.023	
				Benzo(a)anthracene	0.05	
				Benzo(a)pyrene	0.033	
				Benzo(b)fluoranthene	0.053	
				Benzo(g,h,i)perylene	0.018	
				Benzo(k)fluoranthene	0.037	
				Chrysene	0.11	
				Dibenz(a,h)anthracene	0.0089	
				Fluoranthene	0.12	
				Indeno(1,2,3-c,d)pyrene	0.022	
				Naphthalene	0.0064	
				Phenanthrene	0.11	
				Pyrene	0.28	
		6.5	VOCs	All Analytes	ND	
SBL0260	G5	3.5	VOCs	Ethylbenzene	1.2	
				sec-Butylbenzene	0.81	
			SVOCs/PAHs	Acenaphthene	0.0062	
				Benzo(a)anthracene	0.0032	
				Benzo(a)pyrene	0.0025	
				Benzo(b)fluoranthene	0.005	
				Benzo(g,h,i)perylene	0.00056	
				Benzo(k)fluoranthene	0.0039	
				Chrysene	0.0072	
				Fluoranthene	0.0066	
				Indeno(1,2,3-c,d)pyrene	0.0011	
				Naphthalene	0.00059	
				Phenanthrene	0.00063	
				Pyrene	0.015	
SBL0261	C3	1.5	SVOCs/PAHs	2-Methylnaphthalene	0.037	
				Acenaphthylene	0.058	
				Benzo(a)anthracene	0.1	
				Benzo(a)pyrene	0.095	
				Benzo(b)fluoranthene	0.09	
				Benzo(g,h,i)perylene	0.066	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0261	C3	1.5	SVOCs/PAHs	Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.12 0.22 0.021 0.19 0.077 0.04 0.2 0.33	
SBL0262	C3	2.5	SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.0043 0.0025 0.0065 0.006 0.031 0.029 0.036 0.014 0.032 0.042 0.005 0.053 0.003 0.016 0.0028 0.032 0.063	
SBL0263	G4	1.5	SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.0018 0.0011 0.0022 0.0028 0.004 0.0046 0.0067 0.0022 0.0045 0.011 0.001 0.0089 0.0026 0.00077 0.011 0.018	
			Pesticides & PCBs	4,4'-DDD 4,4'-DDE 4,4'-DDT	0.014 0.042 0.098	
			Metals	As Ba Be Co Cr Cu	6.2 144 0.54 8.9 29.5 34.3	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded	
SBL0263	G4	1.5	Metals	Hg	0.047		
				Mo	0.68		
				Ni	19.7		
SBL0264	D4	9		Pb	25		
				Se	1.6		
				Tl	0.98		
				V	49.1		
				Zn	83		
		PH	pH	10			
			7	VOCs	All Analytes		
		SVOCs/PAHs	2-Methylnaphthalene	0.00097			
			Acenaphthene	0.0025			
			Acenaphthylene	0.0012			
			Anthracene	0.0018			
			Benzo(a)anthracene	0.003			
			Benzo(a)pyrene	0.0024			
			Benzo(b)fluoranthene	0.0035			
			Benzo(g,h,i)perylene	0.001			
			Benzo(k)fluoranthene	0.0027			
			Chrysene	0.0079			
			Fluoranthene	0.0053			
			Fluorene	0.0082			
			Indeno(1,2,3-c,d)pyrene	0.0011			
			Naphthalene	0.0016			
SBL0265	D4	10	SVOCs/PAHs	Phenanthrene	0.035		
				Pyrene	0.0082		
				2-Methylnaphthalene	0.56		
				Acenaphthene	0.11		
				Acenaphthylene	0.48		
				Anthracene	0.4		
				Benzo(a)anthracene	0.33		
				Benzo(a)pyrene	0.22	Industrial PRG(0.21)	
				Benzo(b)fluoranthene	0.14		
				Benzo(g,h,i)perylene	0.07		
				Benzo(k)fluoranthene	0.14		
				Chrysene	0.37		
				Dibenz(a,h)anthracene	0.0069		
				Fluoranthene	0.62		
SBL0267	B3	1.5	Chromium	Fluorene	0.35		
				Indeno(1,2,3-c,d)pyrene	0.056		
SBL0268	B3	1.5	Chromium	Naphthalene	0.088		
				Phenanthrene	1.8		
SBL0269	B3	1.5	Chromium	Pyrene	1.5		
				Chromium (Total)	29.4		
SBL0270	B3	1.5	Chromium	Chromium (VI)	1.2		
				Chromium (Total)	80.1		
				Chromium (VI)	3.8		
SBL0269	B3	1.5	Chromium	Chromium (Total)	24.7		
				Chromium (VI)	0.47		
SBL0270	B3	1.5	Chromium	Chromium (Total)	34.2		

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0270	B3	1.5	Chromium	Chromium (VI)	0.56	
SBL0271	D8	4	SVOCs/PAHs	2-Methylnaphthalene	0.0014	
				Acenaphthylene	0.0012	
				Anthracene	0.00078	
				Benzo(a)anthracene	0.0011	
				Benzo(a)pyrene	0.00069	
				Benzo(b)fluoranthene	0.00077	
				Benzo(g,h,i)perylene	0.00095	
				Benzo(k)fluoranthene	0.00088	
				Chrysene	0.0011	
				Dibenz(a,h)anthracene	0.00064	
				Fluoranthene	0.0014	
				Indeno(1,2,3-c,d)pyrene	0.00051	
				Phenanthrene	0.0024	
				Pyrene	0.0026	
			Chromium	Chromium (Total)	16	
				Chromium (VI)	0.44	
		13	Pesticides & PCBs	All Analytes	ND	
			Metals	As	2.2	
				Ba	101	
				Be	0.4	
				Co	8.1	
				Cu	16.9	
				Mo	0.34	
				Ni	11.3	
				Pb	3.8	
				Se	0.83	
				Tl	0.8	
				V	33.2	
				Zn	38.1	
			Chromium	Chromium (Total)	NA	
				Chromium (VI)	0.2	
SBL0272	D8	4	SVOCs/PAHs	2-Methylnaphthalene	0.00041	
				Benzo(a)anthracene	0.00076	
				Benzo(a)pyrene	0.00081	
				Benzo(g,h,i)perylene	0.00081	
				Chrysene	0.0018	
				Fluoranthene	0.00081	
				Phenanthrene	0.0013	
				Pyrene	0.00097	
			Chromium	Chromium (Total)	14.7	
				Chromium (VI)	0.57	
			Pesticides & PCBs	All Analytes	ND	
			Metals	As	2.3	
				Ba	85	
				Be	0.36	
				Co	6.7	
				Cu	15.4	
				Mo	0.32	
				Ni	9.7	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded	
SBL0272	D8	4	Metals	Pb	3.7		
				Se	0.57		
				Tl	0.8		
				V	31.8		
				Zn	34.4		
	D8	14	Chromium	Chromium (Total)	NA		
				Chromium (VI)	0.32		
		4.75	SVOCs/PAHs	Fluoranthene	0.0037		
				Phenanthrene	0.00039		
			Chromium	Chromium (Total)	23.3		
				Chromium (VI)	0.26		
			Pesticides & PCBs	All Analytes	ND		
				Metals			
				As	3.5		
				Ba	170		
				Be	0.65		
				Co	8.8		
				Cu	1,160		
				Hg	0.052		
				Mo	0.42		
				Ni	18.1		
				Pb	5.1		
		13.5		Se	1.2		
				Tl	1.3		
				V	53.1		
				Zn	56.2		
				Chromium	NA		
				Chromium (VI)	0.24		
SBL0273	D8	2	SVOCs/PAHs	2-Methylnaphthalene	0.017		
				Anthracene	0.01		
				Benzo(a)anthracene	0.0084		
				Benzo(a)pyrene	0.0071		
				Benzo(b)fluoranthene	0.012		
				Chrysene	0.024		
				Fluoranthene	0.012		
				Naphthalene	0.011		
				Phenanthrene	0.063		
				Pyrene	0.049		
		13.5	Chromium	Chromium (Total)	33.4		
				Chromium (VI)	2.3		
				Pesticides & PCBs			
		13.5	Metals	4,4'-DDD	0.033		
				4,4'-DDE	0.0056		
				4,4'-DDT	0.0022		
				Ba	77.5		
		13.5		Be	0.94		
				Co	6.4		
				Cu	40,700	Residential PRG(3,100)	
				Hg	0.45		
				Ni	14.3		
				Pb	21.1		
				Tl	6.3	Residential PRG(5.2)	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded	
SBL0274	D8	2	Metals	V	35		
				Zn	54.8		
	D8	15	Chromium	Chromium (Total)	NA		
				Chromium (VI)	0.26		
SBL0275	D8	6.5	SVOCs/PAHs	2-Methylnaphthalene	0.00068		
				Fluoranthene	0.00034		
				Phenanthrene	0.00041		
		Chromium	Chromium	Chromium (Total)	34.1		
				Chromium (VI)	0.27		
		Pesticides & PCBs	All Analytes	ND			
			Metals	As	6.2		
				Ba	132	Residential PRG(3,100)	
				Be	0.86		
				Co	9.9		
				Cu	20,200		
				Ni	23.8		
				Pb	7.1		
				Se	2.6		
				V	65.8		
				Zn	69.3		
	D8	14	Chromium	Chromium (Total)	NA		
				Chromium (VI)	<0.4		
SBL0276	D8	5	SVOCs/PAHs	All Analytes	ND		
			Chromium	Chromium (Total)	24		
				Chromium (VI)	0.37		
		Pesticides & PCBs	All Analytes	ND			
			Metals	As	4.6		
				Ba	96.7		
				Be	0.66		
				Co	8.8		
				Cu	23.3		
				Mo	0.37		
				Ni	16.4		
				Pb	5.2		
				Se	1.8		
	D8		Chromium	Tl	1.5		
				V	53.8		
				Zn	57.4		
				Chromium (Total)	NA		
				Chromium (VI)	0.2		
SBL0277	D8	1.5	SVOCs/PAHs	Fluoranthene	0.0055		
				Phenanthrene	0.00043		
			Chromium	Chromium (Total)	38.2		
		Pesticides & PCBs	Chromium	Chromium (VI)	0.47		
				All Analytes	ND		
			Metals	As	5.7		
				Ba	140		
				Be	1.1		
				Co	11.7		
				Cu	26		

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0277	D8	1.5	Metals	Hg	0.035	
				Mo	0.64	
				Ni	24.2	
				Pb	8	
				Sb	0.72	
				Se	2.4	
				Tl	2	
				V	74.8	
				Zn	72.2	
	D8	13.5	Chromium	Chromium (Total)	NA	
				Chromium (VI)	0.26	
SBL0278	F3	1.5	SVOCs/PAHs	Acenaphthene	0.00091	
				Acenaphthylene	0.0071	
				Anthracene	0.0034	
				Benzo(a)anthracene	0.0053	
				Benzo(a)pyrene	0.0088	
				Benzo(b)fluoranthene	0.0088	
				Benzo(g,h,i)perylene	0.0081	
				Benzo(k)fluoranthene	0.0055	
				Chrysene	0.013	
				Dibenz(a,h)anthracene	0.0023	
				Fluoranthene	0.0079	
				Indeno(1,2,3-c,d)pyrene	0.0071	
				Phenanthrene	0.013	
				Pyrene	0.02	
SBL0279	F3	2.5	SVOCs/PAHs	Acenaphthylene	0.016	
				Anthracene	0.0032	
				Benzo(a)anthracene	0.0065	
				Benzo(a)pyrene	0.015	
				Benzo(b)fluoranthene	0.0092	
				Benzo(g,h,i)perylene	0.022	
				Benzo(k)fluoranthene	0.0032	
				Chrysene	0.02	
				Dibenz(a,h)anthracene	0.0076	
				Fluoranthene	0.0034	
				Indeno(1,2,3-c,d)pyrene	0.0066	
				Phenanthrene	0.004	
				Pyrene	0.013	
SBL0280	C4	2	SVOCs/PAHs	2-Methylnaphthalene	0.0091	
				Acenaphthylene	0.024	
				Anthracene	0.0082	
				Benzo(a)anthracene	0.026	
				Benzo(a)pyrene	0.026	
				Benzo(b)fluoranthene	0.035	
				Benzo(g,h,i)perylene	0.017	
				Benzo(k)fluoranthene	0.021	
				Chrysene	0.048	
				Dibenz(a,h)anthracene	0.0049	
				Fluoranthene	0.035	
				Indeno(1,2,3-c,d)pyrene	0.016	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0280	C4	2	SVOCs/PAHs	Naphthalene Phenanthrene Pyrene	0.0044 0.041 0.059	
SBL0281	C4	2	SVOCs/PAHs	2-Methylnaphthalene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.0052 0.01 0.004 0.016 0.017 0.024 0.0085 0.015 0.03 0.0038 0.022 0.0061 0.0081 0.0061 0.041 0.038	
SBL0282	C4	2	SVOCs/PAHs	2-Methylnaphthalene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.023 0.0086 0.012 0.018 0.0087 0.014 0.031 0.0021 0.0085 0.0066 0.0065 0.0021 0.033 0.018	
SBL0283	C4	1.5	SVOCs/PAHs	2-Methylnaphthalene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.0028 0.0056 0.0025 0.014 0.021 0.027 0.012 0.018 0.034 0.0039 0.014 0.0068 0.003 0.016 0.032	
SBL0284	C4	1.5	SVOCs/PAHs	2-Methylnaphthalene Acenaphthene	0.0032 0.0014	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0284	C4	1.5	SVOCs/PAHs	Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.0038 0.0028 0.0087 0.0095 0.01 0.0073 0.0053 0.014 0.0011 0.01 0.0032 0.0041 0.0099 0.029 0.019	
		7	VOCs	All Analytes	ND	
SBL0285	C5	1.5	SVOCs/PAHs	Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Fluoranthene Phenanthrene Pyrene	0.00051 0.0005 0.00052 0.00052 0.00046 0.00097 0.00052 0.00094 0.00076	
		7	VOCs	All Analytes	ND	
SBL0286	C4	1.5	SVOCs/PAHs	2-Methylnaphthalene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Indeno(1,2,3-c,d)pyrene Phenanthrene Pyrene	0.003 0.0054 0.03 0.024 0.026 0.036 0.021 0.03 0.053 0.0055 0.064 0.023 0.18 0.068	
SBL0287	C4	1.5	SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene	0.0018 0.0013 0.004 0.0025 0.0062 0.0061 0.01 0.0039 0.003 0.016	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0287	C4	1.5	SVOCs/PAHs	Dibenz(a,h)anthracene Fluoranthene Fluorene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.0018 0.0067 0.0013 0.0038 0.0029 0.0088 0.015	
SBL0288	C4	1.5	SVOCs/PAHs	2-Methylnaphthalene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.00051 0.0012 0.0012 0.0032 0.0035 0.0052 0.0024 0.0027 0.007 0.00068 0.0041 0.0022 0.00046 0.0038 0.0065	
SBL0289	G4	1.5	SVOCs/PAHs	Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Fluoranthene Indeno(1,2,3-c,d)pyrene Phenanthrene Pyrene	0.00056 0.00091 0.001 0.0013 0.00055 0.00071 0.0021 0.0013 0.00054 0.001 0.0025	
		7		VOCs	All Analytes	ND
SBL0290	G4	2	SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene	0.0021 0.0018 0.0058 0.0041 0.0057 0.006 0.0058 0.0041 0.0036 0.0093 0.00097 0.0064 0.0047 0.0032 0.0018 0.026	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0290	G4	2	SVOCs/PAHs	Pyrene	0.016	
		8.5	VOCs	All Analytes	ND	
SBL0291	E6	2	SVOCs/PAHs	2-Methylnaphthalene	0.007	
				Acenaphthylene	0.011	
				Anthracene	0.0022	
				Benzo(a)anthracene	0.0054	
				Benzo(a)pyrene	0.0051	
				Benzo(b)fluoranthene	0.0068	
				Benzo(g,h,i)perylene	0.004	
				Benzo(k)fluoranthene	0.0057	
				Chrysene	0.0075	
				Dibenz(a,h)anthracene	0.0017	
				Fluoranthene	0.0055	
				Indeno(1,2,3-c,d)pyrene	0.0056	
				Naphthalene	0.00099	
				Phenanthrene	0.0089	
				Pyrene	0.0095	
		7	Metals	As	4.5	
				Ba	128	
				Be	0.48	
				Co	8.1	
				Cr	30.2	
				Cu	41.4	
				Hg	0.035	
				Mo	0.76	
				Ni	15.5	
				Pb	11.7	
				Se	1.8	
				Tl	1.2	
		V			39.7	
				Zn	104	
		7	VOCs	All Analytes	ND	
SBL0292	F6	2	SVOCs/PAHs	2-Methylnaphthalene	0.00055	
				Benzo(a)anthracene	0.0014	
				Benzo(a)pyrene	0.0015	
				Benzo(b)fluoranthene	0.0016	
				Benzo(g,h,i)perylene	0.0018	
				Benzo(k)fluoranthene	0.001	
				Chrysene	0.0031	
				Dibenz(a,h)anthracene	0.00051	
				Fluoranthene	0.0014	
				Indeno(1,2,3-c,d)pyrene	0.001	
				Phenanthrene	0.0015	
				Pyrene	0.0032	
		7	Metals	As	4	
				Ba	116	
		13		Be	0.48	
				Co	7.9	
				Cr	19	
				Cu	38.3	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded		
SBL0292	F6	2	Metals	Hg	0.027			
				Mo	0.62			
SBL0293	F6	2	SVOCs/PAHs	Ni	13.6			
				Pb	9.3			
SBL0294	F6	2		Se	1.4			
				Tl	0.86			
SBL0295	F6	2		V	39.2			
				Zn	87			
SBL0293	F6	2	Metals	7	VOCs	All Analytes	ND	
				As	3.5			
SBL0294	F6	2		Ba	99.8			
				Be	0.78			
SBL0295	F6	2		Co	9.3			
				Cr	27.9			
SBL0293	F6	2		Cu	17.6			
				Hg	0.068			
SBL0294	F6	2		Mo	0.44			
				Ni	19.4			
SBL0295	F6	2		Pb	5.1			
				Se	1.8			
SBL0294	F6	2		Tl	1.5			
				V	55.2			
SBL0295	F6	2		Zn	60.5			
				7	VOCs	All Analytes	ND	
SBL0294	F6	2	SVOCs/PAHs	2-Methylnaphthalene	0.00034			
				Chrysene	0.00038			
SBL0295	F6	2		Fluoranthene	0.00031			
				Phenanthrene	0.00061			
SBL0294	F6	2		Metals	As	4.3		
				Ba	84.8			
SBL0295	F6	2		Be	0.61			
				Co	9.9			
SBL0294	F6	2		Cr	22.8			
				Cu	19.5			
SBL0295	F6	2		Hg	0.028			
				Mo	0.84			
SBL0294	F6	2		Ni	15.9			
				Pb	7.7			
SBL0295	F6	2		Se	2			
				Tl	1.1			
SBL0294	F6	2		V	45.5			
				Zn	73.9			
SBL0295	F6	2		7	VOCs	All Analytes	ND	
				2-Methylnaphthalene	0.0026			
SBL0295	F6	2	SVOCs/PAHs	Acenaphthene	0.0009			
				Acenaphthylene	0.004			
				Anthracene	0.0079			
				Benzo(a)anthracene	0.0086			
				Benzo(a)pyrene	0.0054			

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0295	F6	2	SVOCs/PAHs	Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.0098 0.0026 0.0048 0.013 0.0065 0.013 0.0027 0.0029 0.0033 0.034 0.022	
			Metals	As Ba Be Co Cr Cu Hg Mo Ni Pb Se Tl V Zn	6.9 120 0.63 10 26.5 35.9 0.028 0.52 19.1 17.9 1.8 1.7 48.7 110	
		7	VOCs	All Analytes	ND	
SBL0296	F4	2	SVOCs/PAHs	All Analytes	ND	
		7	VOCs	All Analytes	ND	
SBL0297	F4	2	SVOCs/PAHs	Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Phenanthrene	0.0028 0.0017 0.0022 0.0038 0.0023	
		7	VOCs	Ethylbenzene	0.0075	
SBL0298	F4	1.5	SVOCs/PAHs	2-Methylnaphthalene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Indeno(1,2,3-c,d)pyrene Phenanthrene Pyrene	0.00044 0.0016 0.0017 0.0021 0.0012 0.00067 0.0041 0.00078 0.0011 0.00077 0.0022 0.0026	
		7	VOCs	All Analytes	ND	
SBL0299	F4	6	VOCs	Ethylbenzene Naphthalene Styrene	1.9 0.69 0.17	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0299	F4	6	SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.78 0.39 0.72 0.36 0.3 0.15 0.25 0.075 0.12 0.44 0.66 0.7 1.3 0.053 0.58 3.5 1.5	Industrial PRG(0.21)
SBL0300	E4	6.5	SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Anthracene Benzo(a)anthracene Benzo(b)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Naphthalene Phenanthrene Pyrene	0.3 0.21 0.87 0.043 0.087 0.11 0.094 0.57 0.69 1.9 14 0.5	
SBL0301	D3	1.5	SVOCs/PAHs	2-Methylnaphthalene	0.00029	
			Pesticides & PCBs	4,4'-DDD	1.2	
				4,4'-DDE	1.2	
				4,4'-DDT	7.4	Residential PRG(1.7)
				Aroclor 1260	0.1	
		7	VOCs	Tetrachloroethene	0.0075	
			VOCs	Trichloroethene	0.018	
		15	VOCs	Tetrachloroethene	0.0093	
			VOCs	Trichloroethene	0.034	
SBL0302	D3	1.5	SVOCs/PAHs	All Analytes	ND	
			Pesticides & PCBs	4,4'-DDD	0.012	
				4,4'-DDE	0.013	
				4,4'-DDT	0.071	
				Aroclor 1260	0.024	
		7	VOCs	Tetrachloroethene	0.0068	
			VOCs	Trichloroethene	0.01	
		15	VOCs	Naphthalene	0.67	Residential PRG(0.053)
			VOCs	Tetrachloroethene	0.66	
			VOCs	Trichloroethene	0.29	
SBL0303	E4	10	SVOCs/PAHs	2-Methylnaphthalene	0.0003	
SBL0304	G3	5.5	VOCs	All Analytes	ND	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded	
SBL0304	G3	5.5	SVOCs/PAHs	2-Methylnaphthalene	0.00028		
				Benzo(k)fluoranthene	0.00031		
				Chrysene	0.00052		
		15		Fluoranthene	0.00043		
				Pyrene	0.00058		
SBL0305	E4	1.5	SVOCs/PAHs	Chromium	29		
				Chromium (VI)	<0.4		
				Pesticides & PCBs	ND		
SBL0306	E4	1.5	SVOCs/PAHs	Chromium	22.1		
				Chromium (VI)	<0.4		
SBL0307	E4	5	SVOCs/PAHs	All Analytes	ND		
SBL0308	E4	11	SVOCs/PAHs	All Analytes	ND		
SBL0309	E4	2.2	SVOCs/PAHs	2-Methylnaphthalene	0.093		
				Benzo(b)fluoranthene	0.00058		
				Benzo(g,h,i)perylene	0.00075		
				Benzo(k)fluoranthene	0.00049		
				Chrysene	0.00059		
				Fluoranthene	0.00071		
				Phenanthrene	0.00041		
				Pyrene	0.00077		
				2-Methylnaphthalene	0.093		
				Acenaphthylene	0.069		
				Anthracene	0.21		
				Benzo(a)anthracene	2.5	Industrial PRG(2.1)	
				Benzo(a)pyrene	2.2	Industrial PRG(0.21)	
				Benzo(b)fluoranthene	2.7	Industrial PRG(2.1)	
				Benzo(g,h,i)perylene	0.58		
				Benzo(k)fluoranthene	2.1	Industrial PRG(1.3)	
				Chrysene	2.8		
				Dibenzo(a,h)anthracene	0.35	Industrial PRG(0.21)	
				Fluoranthene	1.6		
				Fluorene	0.1		
				Indeno(1,2,3-c,d)pyrene	0.97		
				Naphthalene	0.038		

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded					
SBL0309	E4	2.2	SVOCs/PAHs	Phenanthrene Pyrene	0.34 2.8						
SBL0310	G7	2	Chromium	Chromium (Total) Chromium (VI)	26.4 0.26						
SBL0311	G7	2	Chromium	Chromium (Total) Chromium (VI)	26.8 0.41						
SBL0312	G7	1.5	Chromium	Chromium (Total) Chromium (VI)	20.9 0.43						
SBL0313	G9	9.5	SVOCs/PAHs	2-Methylnaphthalene Phenanthrene	0.00082 0.0048						
SBL0314	G9	2	SVOCs/PAHs	All Analytes	ND						
SBL0315	F7	1.5	Chromium	Chromium (Total) Chromium (VI)	31.5 0.27						
SBL0316	F7	1.5	Chromium	Chromium (Total) Chromium (VI)	26.4 <0.4						
SBL0317	E7	1.5	Chromium	Chromium (Total) Chromium (VI)	28 0.4						
SBL0318	G6	1.5	SVOCs/PAHs	2-Methylnaphthalene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Fluoranthene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.0016 0.0011 0.0029 0.021 0.03 0.039 0.034 0.03 0.041 0.023 0.025 0.00092 0.021 0.026						
				7	VOCs	All Analytes	ND				
SBL0319				2-Methylnaphthalene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Fluoranthene Indeno(1,2,3-c,d)pyrene Phenanthrene Pyrene	0.00038 0.0036 0.0055 0.0044 0.0075 0.0052 0.0056 0.003 0.0063 0.0011 0.0037						
				7	VOCs	All Analytes	ND				
				SVOCs/PAHs	Fluoranthene	0.00045					
				Pesticides & PCBs	All Analytes	ND					
				VOCs	Ethylbenzene	0.0078					
				SVOCs/PAHs	2-Methylnaphthalene Anthracene Benzo(a)anthracene	0.0043 0.00051 0.0031					

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0321	G6	8.5	SVOCs/PAHs	Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Fluoranthene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.0029 0.0058 0.0041 0.0029 0.0092 0.0024 0.0041 0.0018 0.0049 0.0026	
SBL0322	G6	1.5	SVOCs/PAHs	2-Methylnaphthalene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Fluoranthene Indeno(1,2,3-c,d)pyrene Phenanthrene Pyrene	0.0017 0.0047 0.035 0.26 0.053 0.074 0.059 0.079 0.033 0.0059 0.028 0.035	Industrial PRG(0.21)
		7	VOCs	Toluene Xylenes (Total)	0.0034 0.0037	
SBL0323	G5	4.5	VOCs	Benzene Ethylbenzene	0.0088 0.0024	
			SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.0051 0.0013 0.006 0.0076 0.0056 0.0041 0.0026 0.0018 0.0076 0.00041 0.01 0.0046 0.00081 0.0012 0.027 0.032	
SBL0324	G5	5.5	VOCs	Ethylbenzene Isopropylbenzene n-Propylbenzene sec-Butylbenzene	0.21 0.0077 0.0052 0.047	
			SVOCs/PAHs	2-Methylnaphthalene Acenaphthylene Anthracene Chrysene	0.00051 0.00094 0.0017 0.00043	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0324	G5	5.5	SVOCs/PAHs	Fluoranthene Phenanthrene Pyrene	0.00056 0.00033 0.00093	
SBL0325	F5	1.5	SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.0063 0.0015 0.0048 0.0038 0.015 0.011 0.0079 0.0056 0.0048 0.02 0.0047 0.014 0.0043 0.0049 0.0081 0.046 0.03	
		7	VOCs	All Analytes	ND	
SBL0326	E6	2	SVOCs/PAHs	Benzo(a)anthracene Chrysene Fluoranthene	0.00033 0.00043 0.0003	
			Metals	As Ba Be Co Cr Cu Hg Mo Ni Pb Sb Se V Zn	6.4 155 0.71 9.1 24.2 200 0.046 1.1 18.9 9.1 0.79 1.5 53.2 152	
		7	VOCs	All Analytes	ND	
SBL0327	F6	2	SVOCs/PAHs	2-Methylnaphthalene Benzo(g,h,i)perylene Chrysene Fluoranthene Naphthalene Phenanthrene	0.00028 0.00054 0.00066 0.00043 0.00059 0.0011	
			Metals	As Ba Be Co Cr	3.4 115 0.7 8.9 24.6	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0327	F6	2	Metals	Cu Mo Ni Pb Sb Se V Zn	21.5 0.98 14.5 8.2 0.68 0.54 50.7 67.2	
		7	VOCs	All Analytes	ND	
SBL0328	F6	2	SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.68 0.36 0.5 1.4 1 0.74 0.29 0.2 0.29 1.1 0.025 1.6 1.6 0.15 0.69 7 4.1	Industrial PRG(0.21)
			Metals	As Ba Be Cd Co Cr Cu Hg Mo Ni Pb Sb V Zn	7.4 180 0.75 0.28 11 31.2 129 0.11 1.5 23.6 27.9 1.1 63.6 184	
		7	VOCs	All Analytes	ND	
SBL0329	F5	1.5	SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene	0.1 0.011 0.054 0.013 0.02 0.013 0.0076 0.0049 0.0063	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0329	F5	1.5	SVOCs/PAHs	Chrysene	0.021	
				Dibenz(a,h)anthracene	0.0031	
SBL0330	F5	2.5	SVOCs/PAHs	Fluoranthene	0.034	
				Fluorene	0.02	
SBL0331	F6	2	SVOCs/PAHs	Indeno(1,2,3-c,d)pyrene	0.0036	
				Naphthalene	0.0041	
SBL0330	F5	7	VOCs	Phenanthrene	0.075	
				Pyrene	0.089	
SBL0330	F5	8.5	VOCs	All Analytes	ND	
SBL0331	F6	2	SVOCs/PAHs	2-Methylnaphthalene	1.1	
				Acenaphthene	0.79	
SBL0331	F6	2	SVOCs/PAHs	Acenaphthylene	0.54	
				Anthracene	1.9	
SBL0331	F6	2	SVOCs/PAHs	Benzo(a)anthracene	3.9	Industrial PRG(2.1)
				Benzo(a)pyrene	2.6	Industrial PRG(0.21)
SBL0331	F6	2	SVOCs/PAHs	Benzo(b)fluoranthene	1.2	
				Benzo(g,h,i)perylene	0.66	
SBL0331	F6	2	SVOCs/PAHs	Benzo(k)fluoranthene	1.4	Industrial PRG(1.3)
				Chrysene	4.6	
SBL0331	F6	2	SVOCs/PAHs	Dibenzo(a,h)anthracene	0.15	
				Fluoranthene	6.6	
SBL0331	F6	2	SVOCs/PAHs	Fluorene	3.6	
				Indeno(1,2,3-c,d)pyrene	0.52	
SBL0331	F6	2	SVOCs/PAHs	Naphthalene	0.98	
				Phenanthrene	27	
SBL0331	F6	2	SVOCs/PAHs	Pyrene	16	
SBL0331	F6	2	Metals	Naphthalene	0.014	
				Tetrachloroethene	0.0019	
SBL0331	F6	2	Metals	As	4.8	
				Ba	154	
SBL0331	F6	2	Metals	Be	0.7	
				Cd	0.16	
SBL0331	F6	2	Metals	Co	9.3	
				Cr	26.4	
SBL0331	F6	2	Metals	Cu	21.7	
				Hg	0.11	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0331	F6	2	Metals	Mo	0.65	
				Ni	18.4	
				Pb	18.4	
				Sb	0.74	
				Se	0.56	
				V	55.6	
				Zn	65.6	
		8.5	VOCs	All Analytes	ND	
SBL0332	F6	2	Pesticides & PCBs	4,4'-DDE	0.0015	
				4,4'-DDT	0.0049	
			Metals	As	5.4	
				Ba	119	
				Be	0.6	
				Cd	0.34	
				Co	8	
				Cr	23.9	
				Cu	22.1	
				Hg	0.049	
				Mo	0.57	
				Ni	16	
				Pb	21.7	
				Sb	0.67	
				V	50	
				Zn	62.9	
		7	VOCs	All Analytes	ND	
SBL0333	F6	2	Pesticides & PCBs	4,4'-DDE	0.002	
				4,4'-DDT	0.0033	
			Metals	As	5.8	
				Ba	83.6	
				Be	0.37	
				Cd	0.066	
				Co	5.4	
				Cr	21.6	
				Cu	31.8	
				Hg	0.067	
				Mo	0.5	
				Ni	13.2	
				Pb	21.3	
				Sb	0.74	
				Se	0.42	
				V	39.6	
				Zn	57.6	
		7	VOCs	All Analytes	ND	
SBL0334	F6	2	Pesticides & PCBs	4,4'-DDE	0.0026	
				4,4'-DDT	0.0082	
			Metals	As	3.5	
				Ba	181	
				Be	0.79	
				Co	10.7	
				Cr	26.7	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0334	F6	2	Metals	Cu	32.4	
				Mo	0.36	
				Ni	20.4	
				Pb	6.9	
				Sb	0.76	
				V	51.5	
				Zn	67	
		7	VOCs	All Analytes	ND	
SBL0336	G9	9.5	SVOCs/PAHs	2-Methylnaphthalene	0.0005	
SBL0337	B5	1.5	SVOCs/PAHs	2-Methylnaphthalene	0.38	
				Acenaphthylene	1.7	
				Anthracene	0.79	
				Benzo(a)anthracene	4.8	Industrial PRG(2.1)
				Benzo(a)pyrene	13	Industrial PRG(0.21)
				Benzo(b)fluoranthene	10	Industrial PRG(2.1)
				Benzo(g,h,i)perylene	16	
				Benzo(k)fluoranthene	6.7	Industrial PRG(1.3)
				Chrysene	6.4	
				Dibenz(a,h)anthracene	1.7	Industrial PRG(0.21)
				Fluoranthene	8.8	
				Fluorene	0.32	
				Indeno(1,2,3-c,d)pyrene	19	Industrial PRG(2.1)
				Naphthalene	1.2	
				Phenanthrene	3.7	
				Pyrene	14	
		8	VOCs	All Analytes	ND	
SBL0338	B5	1.5	SVOCs/PAHs	2-Methylnaphthalene	0.0013	
				Acenaphthylene	0.011	
				Anthracene	0.0042	
				Benzo(a)anthracene	0.042	
				Benzo(a)pyrene	0.11	
				Benzo(b)fluoranthene	0.088	
				Benzo(g,h,i)perylene	0.12	
				Benzo(k)fluoranthene	0.075	
				Chrysene	0.054	
				Dibenz(a,h)anthracene	0.014	
				Fluoranthene	0.09	
				Indeno(1,2,3-c,d)pyrene	0.14	
				Naphthalene	0.0038	
				Phenanthrene	0.02	
				Pyrene	0.15	
		7	VOCs	All Analytes	ND	
SBL0339	B5	1.8	SVOCs/PAHs	2-Methylnaphthalene	0.0042	
				Acenaphthylene	0.013	
				Anthracene	0.022	
				Benzo(a)anthracene	0.16	
				Benzo(a)pyrene	0.21	
				Benzo(b)fluoranthene	0.19	
				Benzo(g,h,i)perylene	0.21	
				Benzo(k)fluoranthene	0.15	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0339	B5	1.8	SVOCs/PAHs	Chrysene	0.18	
				Dibenz(a,h)anthracene	0.034	
SBL0340	B5	3.7	VOCs	Fluoranthene	0.21	
				Indeno(1,2,3-c,d)pyrene	0.24	
SBL0341	E5	3.5	VOCs	Naphthalene	0.0075	
				Phenanthrene	0.069	
SBL0342	B5	3.6	VOCs	Pyrene	0.25	
				All Analytes	ND	
SBL0340	B5	3.7	VOCs	All Analytes	ND	
				2-Methylnaphthalene	0.012	
SBL0341	E5	3.5	VOCs	Acenaphthylene	0.037	
				Anthracene	0.012	
SBL0342	B5	3.6	VOCs	Benzo(a)anthracene	0.1	
				Benzo(a)pyrene	0.33	
SBL0340	B5	3.7	VOCs	Benzo(b)fluoranthene	0.24	
				Benzo(g,h,i)perylene	0.39	Industrial PRG(0.21)
SBL0341	E5	3.5	VOCs	Benzo(k)fluoranthene	0.17	
				Chrysene	0.16	
SBL0342	B5	3.6	VOCs	Dibenz(a,h)anthracene	0.034	
				Fluoranthene	0.16	
SBL0340	B5	3.7	VOCs	Indeno(1,2,3-c,d)pyrene	0.48	
				Naphthalene	0.017	
SBL0341	E5	3.5	VOCs	Phenanthrene	0.046	
				Pyrene	0.31	
SBL0342	B5	3.6	VOCs	All Analytes	ND	
				2-Methylnaphthalene	0.0037	
SBL0340	B5	3.7	VOCs	Acenaphthene	0.0051	
				Acenaphthylene	0.0011	
SBL0341	E5	3.5	VOCs	Anthracene	0.014	
				Benzo(a)anthracene	0.035	
SBL0342	B5	3.6	VOCs	Benzo(a)pyrene	0.018	
				Benzo(b)fluoranthene	0.037	
SBL0340	B5	3.7	VOCs	Benzo(g,h,i)perylene	0.013	
				Benzo(k)fluoranthene	0.034	
SBL0341	E5	3.5	VOCs	Chrysene	0.037	
				Dibenz(a,h)anthracene	0.0092	
SBL0342	B5	3.6	VOCs	Fluoranthene	0.079	
				Fluorene	0.0066	
SBL0340	B5	3.7	VOCs	Indeno(1,2,3-c,d)pyrene	0.021	
				Naphthalene	0.0076	
SBL0341	E5	3.5	VOCs	Phenanthrene	0.063	
				Pyrene	0.072	
SBL0342	B5	3.6	VOCs	Ethylbenzene	0.003	
				2-Methylnaphthalene	0.0096	
SBL0340	B5	3.7	VOCs	Acenaphthene	0.018	
				Acenaphthylene	0.012	
SBL0341	E5	3.5	VOCs	Anthracene	0.015	
				Benzo(a)anthracene	0.044	
SBL0342	B5	3.6	VOCs	Benzo(a)pyrene	0.044	
				Benzo(b)fluoranthene	0.055	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0342	B5	3.6	SVOCs/PAHs	Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenzo(a,h)anthracene Fluoranthene Fluorene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.032 0.036 0.057 0.0094 0.09 0.02 0.037 0.0061 0.067 0.13	
			Metals	As Ba Be Cd Co Cr Cu Hg Mo Ni Pb V Zn	4.4 143 0.39 1 5.7 21.2 21.2 2.9 0.7 12.5 57.4 33.7 106	
SBL0343	B5	2	SVOCs/PAHs	Benzo(g,h,i)perylene Phenanthrene	0.0004 0.00041	
			Metals	As Ba Be Cd Co Cr Cu Hg Mo Ni Pb Sb Se V Zn	6.5 135 0.81 0.96 10.9 33.9 26.1 0.037 0.84 22.3 10.8 0.61 1.2 59.5 76.2	
		7	VOCs	All Analytes	ND	
SBL0344	B6	1.5	SVOCs/PAHs	Benzo(b)fluoranthene Benzo(g,h,i)perylene Fluoranthene Phenanthrene Pyrene	0.00062 0.00044 0.00034 0.00048 0.00042	
			Metals	As Ba Be Cd	14 98.2 0.49 0.92	Background(10)

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0344	B6	1.5	Metals	Co	7	
				Cr	32.9	
				Cu	25.1	
				Hg	0.031	
				Mo	2.8	
				Ni	33.4	
				Pb	4.3	
				Se	1.5	
				V	57.9	
				Zn	64.2	
		7	VOCs	Chloroform	0.0013	
SBL0345	B6	1.5	SVOCs/PAHs	2-Methylnaphthalene	0.007	
				Benzo(a)anthracene	0.0077	
				Benzo(a)pyrene	0.0092	
				Benzo(b)fluoranthene	0.0097	
				Benzo(g,h,i)perylene	0.013	
				Benzo(k)fluoranthene	0.0078	
				Chrysene	0.014	
				Fluoranthene	0.012	
				Indeno(1,2,3-c,d)pyrene	0.0096	
				Naphthalene	0.0033	
				Phenanthrene	0.014	
				Pyrene	0.015	
			Metals	As	3.3	
				Ba	203	
				Be	0.4	
				Cd	0.79	
				Co	7.4	
				Cr	26.1	
				Cu	22.2	
				Hg	0.047	
				Mo	1.7	
				Ni	20.6	
				Pb	32.6	
			VOCs	Se	0.99	
				V	50.6	
				Zn	88.9	
		7	All Analytes	ND		
SBL0346	E9	9	SVOCs/PAHs	2-Methylnaphthalene	0.00035	
				Phenanthrene	0.00056	
SBL0347	E9	12.5	SVOCs/PAHs	Phenanthrene	0.00051	
SBL0348	B5	4	VOCs	All Analytes	ND	
			SVOCs/PAHs	2-Methylnaphthalene	0.0012	
				Acenaphthene	0.0009	
				Acenaphthylene	0.0048	
				Anthracene	0.0035	
				Benzo(a)anthracene	0.028	
				Benzo(a)pyrene	0.06	
				Benzo(b)fluoranthene	0.054	
				Benzo(g,h,i)perylene	0.051	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0348	B5	4	SVOCs/PAHs	Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.039 0.036 0.0095 0.038 0.066 0.0034 0.012 0.052	
			Metals	As Ba Be Co Cr Cu Hg Mo Ni Pb Sb V Zn	6.6 99 0.47 6.7 16.6 29.6 0.04 0.35 10.6 586 0.7 33 52.2	Residential PRG(150)
SBL0349	B5	2	SVOCs/PAHs	Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Fluoranthene Indeno(1,2,3-c,d)pyrene Pyrene	0.005 0.0068 0.0095 0.011 0.0048 0.0081 0.0048 0.0074 0.0075	
			Metals	As Ba Be Co Cr Cu Hg Mo Ni Pb Sb Se V Zn	8.4 98.3 0.53 6.4 24.2 30.1 0.035 1 26.8 13.3 0.64 0.49 41.8 80	
		7	VOCs	Chloroform	0.0011	
SBL0350	B5	2	SVOCs/PAHs	Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene	0.00073 0.0059 0.0079 0.011 0.004	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0350	B5	2	SVOCs/PAHs	Benzo(k)fluoranthene	0.0075	
				Chrysene	0.0077	
				Dibenz(a,h)anthracene	0.0013	
				Fluoranthene	0.0087	
				Indeno(1,2,3-c,d)pyrene	0.0056	
				Phenanthrene	0.0032	
				Pyrene	0.011	
			Metals	As	8.3	
				Ba	95.7	
				Be	0.6	
				Co	7	
				Cr	28.1	
				Cu	48.2	
				Hg	0.047	
				Mo	1.1	
				Ni	70.3	
				Pb	20.9	
SBL0352	G3	1.7	Chromium	Chromium (Total)	19.2	
				Chromium (VI)	0.24	
SBL0353	G3	2.5	Chromium	Chromium (Total)	43.2	
				Chromium (VI)	<0.4	
SBL0354	G3	2	Chromium	Chromium (Total)	25.9	
				Chromium (VI)	<0.4	
SBL0355	H3	2	Chromium	Chromium (Total)	28.6	
				Chromium (VI)	0.21	
SBL0356	H3	2	Chromium	Chromium (Total)	22.3	
				Chromium (VI)	0.37	
SBL0357	H7	1.5	Chromium	Chromium (Total)	26.1	
				Chromium (VI)	<0.4	
SBL0358	I4	3	SVOCs/PAHs	Benzo(a)anthracene	0.011	
				Benzo(a)pyrene	0.0098	
				Benzo(b)fluoranthene	0.0088	
				Benzo(g,h,i)perylene	0.008	
				Benzo(k)fluoranthene	0.0077	
				Chrysene	0.016	
				Dibenz(a,h)anthracene	0.0025	
				Fluoranthene	0.02	
				Indeno(1,2,3-c,d)pyrene	0.0058	
				Phenanthrene	0.016	
				Pyrene	0.024	
SBL0359	I4	5.5	SVOCs/PAHs	2-Methylnaphthalene	0.0039	
				Benzo(b)fluoranthene	0.00056	
				Benzo(g,h,i)perylene	0.00077	
				Benzo(k)fluoranthene	0.00039	
				Chrysene	0.00096	
				Fluoranthene	0.002	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0359	I4	5.5	SVOCs/PAHs	Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.00058 0.0034 0.0013 0.001	
SBL0360	I4	2	SVOCs/PAHs	2-Methylnaphthalene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Fluoranthene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.0028 0.00064 0.0012 0.001 0.00091 0.00083 0.0015 0.0014 0.00075 0.004 0.0013 0.0014	
SBL0361	H4	4	SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	1.5 0.2 0.06 0.13 0.05 0.039 0.015 0.016 0.01 0.067 0.0051 0.033 0.3 0.0065 0.34 0.88 0.1	
SBL0362	I4	1.5	SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.24 0.061 0.096 0.98 0.02 0.011 0.013 0.016 0.013 0.032 0.0039 0.067 0.14 0.0095 0.32 0.91 0.12	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0363	I7	7.3	SVOCs/PAHs	Phenanthrene	0.0005	
SBL0364	B4	2	SVOCs/PAHs	2-Methylnaphthalene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.0064 0.01 0.0085 0.03 0.048 0.036 0.056 0.039 0.042 0.0069 0.038 0.045 0.014 0.032 0.059	
			Pesticides & PCBs	4,4'-DDT	0.022	
		7	VOCs	All Analytes	ND	
SBL0365	C5	1.5	SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.03 0.0013 0.0049 0.0032 0.027 0.042 0.043 0.036 0.034 0.037 0.0053 0.038 0.0028 0.035 0.011 0.024 0.047	
		9.5	VOCs	All Analytes	ND	
SBL0366	C5	1.5	SVOCs/PAHs	Benzo(a)pyrene Benzo(g,h,i)perylene Benzo(k)fluoranthene Fluoranthene Indeno(1,2,3-c,d)pyrene Phenanthrene Pyrene	0.00067 0.00099 0.00036 0.0003 0.00082 0.00057 0.00039	
		7	VOCs	All Analytes	ND	
SBL0367	C5	1.5	SVOCs/PAHs	Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene	0.00041 0.00071 0.00051 0.00089 0.00051 0.00057	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0367	C5	1.5	SVOCs/PAHs	Fluoranthene	0.00068	
				Indeno(1,2,3-c,d)pyrene	0.00079	
SBL0368	C5	1.5	SVOCs/PAHs	Phenanthrene	0.001	
				Pyrene	0.001	
SBL0369	C5	1.5	SVOCs/PAHs	All Analytes	ND	
SBL0370	C5	1.5	SVOCs/PAHs	2-Methylnaphthalene	0.0013	
				Acenaphthylene	0.0066	
SBL0371	C5	2	SVOCs/PAHs	Anthracene	0.0034	
				Benzo(a)anthracene	0.04	
SBL0368	C5	7	VOCs	Benzo(a)pyrene	0.014	
				Benzo(b)fluoranthene	0.082	
SBL0369	C5	7	VOCs	Benzo(g,h,i)perylene	0.075	
				Benzo(k)fluoranthene	0.059	
SBL0370	C5	7	VOCs	Chrysene	0.049	
				Dibenz(a,h)anthracene	0.009	
SBL0371	C5	7	VOCs	Fluoranthene	0.068	
				Indeno(1,2,3-c,d)pyrene	0.059	
SBL0368	C5	7	VOCs	Naphthalene	0.0042	
				Phenanthrene	0.016	
SBL0369	C5	7	VOCs	Pyrene	0.12	
				Ethylbenzene	0.019	
SBL0370	C5	7	VOCs	p-Isopropyltoluene	0.0022	
SBL0368	C5	1.5	SVOCs/PAHs	2-Methylnaphthalene	0.0019	
				Anthracene	0.0024	
SBL0369	C5	1.5	SVOCs/PAHs	Benzo(a)anthracene	0.0041	
				Benzo(a)pyrene	0.0098	
SBL0370	C5	1.5	SVOCs/PAHs	Benzo(b)fluoranthene	0.01	
				Benzo(k)fluoranthene	0.007	
SBL0371	C5	1.5	SVOCs/PAHs	Chrysene	0.0033	
				Fluoranthene	0.0073	
SBL0368	C5	1.5	SVOCs/PAHs	Naphthalene	0.0015	
				Phenanthrene	0.0027	
SBL0369	C5	1.5	SVOCs/PAHs	Pyrene	0.013	
SBL0370	C5	1.5	SVOCs/PAHs	2-Methylnaphthalene	0.00074	
				Anthracene	0.00052	
SBL0371	C5	1.5	SVOCs/PAHs	Benzo(a)anthracene	0.003	
				Benzo(a)pyrene	0.0045	
SBL0368	C5	1.5	SVOCs/PAHs	Benzo(b)fluoranthene	0.0044	
				Benzo(k)fluoranthene	0.0023	
SBL0369	C5	1.5	SVOCs/PAHs	Chrysene	0.0058	
				Fluoranthene	0.0036	
SBL0370	C5	1.5	SVOCs/PAHs	Naphthalene	0.00084	
				Phenanthrene	0.0049	
SBL0371	C5	1.5	SVOCs/PAHs	Pyrene	0.0065	
SBL0368	C5	2	SVOCs/PAHs	2-Methylnaphthalene	0.00074	
				Anthracene	0.00075	
SBL0369	C5	2	SVOCs/PAHs	Benzo(a)anthracene	0.0057	
				Benzo(a)pyrene	0.0075	
SBL0370	C5	2	SVOCs/PAHs	Benzo(b)fluoranthene	0.0078	
				Benzo(k)fluoranthene	0.0052	
SBL0371	C5	2	SVOCs/PAHs			

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0371	C5	2	SVOCs/PAHs	Chrysene Fluoranthene Naphthalene Phenanthrene Pyrene	0.0077 0.0094 0.00037 0.0046 0.0098	
SBL0372	D8	2	SVOCs/PAHs	2-Methylnaphthalene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Naphthalene Phenanthrene Pyrene	0.012 0.0089 0.0063 0.0041 0.0057 0.005 0.0019 0.0096 0.0017 0.01 0.00092 0.014 0.045	
			Metals	As Ba Be Co Cr Cu Hg Mo Ni Pb Se V Zn	5.3 149 0.7 9 24.5 84.8 0.034 0.82 21.3 7 1.3 49.7 59.1	
		7.2	VOCs	All Analytes	ND	
SBL0373	D8	2	SVOCs/PAHs	2-Methylnaphthalene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Chrysene Fluoranthene Phenanthrene Pyrene	0.0051 0.0072 0.0079 0.005 0.012 0.011 0.036 0.0058 0.056 0.031	
			Metals	As Ba Be Co Cr Cu Hg Mo	6.6 177 0.75 10.8 26.5 74.5 0.043 0.92	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded		
SBL0373	D8	2	Metals	Ni	21.5			
				Pb	8.9			
SBL0374	D9	2	SVOCs/PAHs	Se	1.7			
				V	54.6			
SBL0375	D8	1.5		Zn	62.4			
				7	VOCs	All Analytes	ND	
SBL0376	D8	1.5	SVOCs/PAHs	Pyrene	0.0035			
				Metals	As	6.4		
SBL0377	D8	2		Ba	164			
				Be	0.79			
SBL0373	D8	2		Co	9.3			
				Cr	25.1			
SBL0374	D9	2		Cu	33.8			
				Hg	0.044			
SBL0375	D8	1.5		Mo	0.77			
				Ni	21.4			
SBL0376	D8	1.5		Pb	8.8			
				Se	1.8			
SBL0377	D8	2		V	51.2			
				Zn	91			
SBL0375	D8	1.5		7	VOCs	All Analytes	ND	
				Pyrene	0.041			
SBL0376	D8	1.5	SVOCs/PAHs	2-Methylnaphthalene	0.03			
				Benzo(a)anthracene	0.021			
SBL0377	D8	2		Benzo(a)pyrene	0.028			
				Benzo(b)fluoranthene	0.043			
SBL0375	D8	1.5		Benzo(g,h,i)perylene	0.053			
				Benzo(k)fluoranthene	0.022			
SBL0376	D8	1.5		Chrysene	0.054			
				Dibenz(a,h)anthracene	0.016			
SBL0377	D8	2		Fluoranthene	0.022			
				Indeno(1,2,3-c,d)pyrene	0.025			
SBL0375	D8	1.5		Naphthalene	0.019			
				Phenanthrene	0.018			
SBL0376	D8	1.5		Pyrene	0.041			
				2-Methylnaphthalene	0.0009			
SBL0377	D8	2	SVOCs/PAHs	Anthracene	0.0004			
				Benzo(a)anthracene	0.001			
SBL0375	D8	1.5		Benzo(a)pyrene	0.00093			
				Benzo(b)fluoranthene	0.0012			
SBL0376	D8	1.5		Benzo(k)fluoranthene	0.00048			
				Chrysene	0.003			
SBL0377	D8	2		Fluoranthene	0.0011			
				Naphthalene	0.00044			
SBL0375	D8	1.5		Phenanthrene	0.003			
				Pyrene	0.0022			
SBL0376	D8	1.5		All Analytes	ND			
				Metals	As	4		
SBL0377	D8	2		Ba	157			
				Be	0.72			
SBL0375	D8	1.5		Co	9.2			

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0377	D8	2	Metals	Cr Cu Hg Mo Ni Pb Se V Zn	24 27.9 0.025 0.64 17.7 6.6 1.7 49.2 46.8	
SBL0378	D9	5.5	VOCs	Acetone	0.035	
			SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Anthracene Benzo(g,h,i)perylene Chrysene Fluoranthene Fluorene Indeno(1,2,3-c,d)pyrene Phenanthrene Pyrene	0.0053 0.0012 0.0026 0.00078 0.00044 0.0019 0.0033 0.00071 0.064 0.0085	
SBL0379	D9	2.5	VOCs	Naphthalene	0.21	
			SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Fluoranthene Fluorene Naphthalene Phenanthrene Pyrene	0.44 0.15 0.051 0.38 0.017 0.0045 0.0052 0.0051 0.0039 0.028 0.082 0.42 0.1 4 0.43	
SBL0380	D8	2	SVOCs/PAHs	2-Methylnaphthalene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Indeno(1,2,3-c,d)pyrene Phenanthrene Pyrene	0.0032 0.0051 0.01 0.011 0.011 0.018 0.0045 0.024 0.0049 0.0058 0.0068 0.0074 0.013	
			Metals	As	19.2	Background(10)

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0380	D8	2	Metals	Ba Be Cd Co Cr Cu Hg Mo Ni Pb Se V Zn	230 0.41 0.11 10.7 31 163 0.057 0.88 35.7 26.9 1.1 39.6 65.7	
SBL0381	D8	2	SVOCs/PAHs	Benzo(a)anthracene Benzo(g,h,i)perylene Chrysene	0.003 0.0033 0.0061	
			Metals	As Ba Be Co Cr Cu Hg Mo Ni Pb Se V Zn	3.5 158 0.76 9.4 24.5 23.9 0.021 0.33 16.1 5.9 1.1 50.3 50.6	
SBL0382	D9	15	VOCs	1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene Ethylbenzene Isopropylbenzene Naphthalene Xylenes (Total) n-Butylbenzene n-Propylbenzene p-Isopropyltoluene	0.051 0.0057 0.0035 0.011 0.3 0.0088 0.0059 0.0032 0.034	
			SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(g,h,i)perylene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Naphthalene Phenanthrene	1.5 0.42 0.13 1.1 0.051 0.065 0.075 0.055 0.32 1.4 0.34 12	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0382	D9	15	SVOCs/PAHs	Pyrene	1.3	
				Metals	As	4.5
				Ba	171	
				Be	0.63	
				Co	9.9	
				Cr	23.1	
				Cu	43.8	
				Hg	0.03	
				Mo	0.62	
				Ni	18.4	
				Pb	6.7	
				Se	1.2	
				V	53.1	
				Zn	58.2	
SBL0383	D9	11.5	VOCs	1,2,4-Trimethylbenzene	11	
				1,3,5-Trimethylbenzene	1.5	
				Benzene	2.7	Residential PRG(0.60) Residential PRG(8.9)
				Ethylbenzene	55	
				Isopropylbenzene	3.8	
				Naphthalene	15	
				Toluene	1.6	
				Xylenes (Total)	72	
				n-Butylbenzene	0.37	
				n-Propylbenzene	0.55	
			SVOCs/PAHs	p-Isopropyltoluene	6.4	
				2-Methylnaphthalene	49	
				Acenaphthene	3.7	
				Acenaphthylene	1.6	
				Anthracene	13	
				Benzo(a)anthracene	0.41	
				Benzo(a)pyrene	0.042	
				Benzo(b)fluoranthene	0.051	
				Benzo(g,h,i)perylene	0.042	
				Chrysene	0.56	
				Dibenz(a,h)anthracene	0.032	
				Fluoranthene	2.9	
				Fluorene	13	
				Naphthalene	14	
				Phenanthrene	15	
				Pyrene	14	
			Metals	As	4.3	
				Ba	117	
				Be	0.52	
				Co	8.2	
				Cr	20.2	
				Cu	23.3	
				Hg	0.029	
				Mo	0.31	
				Ni	16.6	
				Pb	4.4	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0383	D9	11.5	Metals	Se V Zn	1.5 47.9 55.1	
SBL0384	D9	15	VOCs	1,2,4-Trimethylbenzene Benzene Ethylbenzene Isopropylbenzene Naphthalene Styrene Toluene Xylenes (Total)	1.1 0.99 42 0.84 6.9 5.7 1.9 47	Residential PRG(0.60) Residential PRG(8.9)
			SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(b)fluoranthene Benzo(g,h,i)perylene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Naphthalene Phenanthrene Pyrene	16 4.7 1.5 18 0.43 0.05 0.033 0.82 0.032 3.2 17 6.8 120 0.98	
			Metals	As Ba Be Cd Co Cr Cu Hg Ni Pb Se V Zn	2.3 110 0.44 0.14 6.5 16.7 18.2 0.025 13 3.4 1.1 36 47.4	
SBL0385	D9	2	SVOCs/PAHs	Chrysene Phenanthrene Pyrene	0.0041 0.0062 0.0049	
			Metals	As Ba Co Cr Cu Hg Ni Pb V	9 168 10 23.5 116 0.052 19.1 8.6 44.4	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0385	D9	2	Metals	Zn	60.8	
		7	VOCs	All Analytes	ND	
SBL0386	D9	1.5	SVOCs/PAHs	Chrysene	0.0039	
				Phenanthrene	0.0073	
			Metals	As	8.2	
				Ba	181	
				Be	0.65	
				Co	10.5	
				Cr	26.4	
				Cu	114	
				Hg	0.025	
				Mo	0.84	
				Ni	25.7	
				Pb	10.3	
				Se	1.3	
				V	51.9	
				Zn	56.9	
			7	VOCs	All Analytes	ND
SBL0387	D9	2	SVOCs/PAHs	2-Methylnaphthalene	0.0034	
				Acenaphthene	0.01	
				Acenaphthylene	0.0021	
				Anthracene	0.0083	
				Benzo(a)anthracene	0.0033	
				Benzo(a)pyrene	0.0018	
				Benzo(b)fluoranthene	0.0015	
				Benzo(k)fluoranthene	0.00077	
				Chrysene	0.0059	
				Fluoranthene	0.013	
				Fluorene	0.016	
				Naphthalene	0.00046	
				Phenanthrene	0.091	
				Pyrene	0.058	
			Metals	As	4.2	
				Ba	119	
				Be	0.57	
				Co	8.6	
				Cr	23	
				Cu	36.5	
				Hg	0.046	
				Mo	0.71	
				Ni	17.8	
				Pb	5.3	
				Se	1.2	
			7	VOCs	All Analytes	ND
SBL0388	D9	3.5	VOCs	Naphthalene	0.25	
			SVOCs/PAHs	2-Methylnaphthalene	0.0011	
				Acenaphthene	0.0011	
				Anthracene	0.00096	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0388	D9	3.5	SVOCs/PAHs	Benzo(a)anthracene Benzo(a)pyrene Chrysene Fluoranthene Fluorene Naphthalene Phenanthrene Pyrene	0.00032 0.00057 0.0009 0.00052 0.0017 0.0015 0.0087 0.0018	
			Metals	As Ba Be Co Cr Cu Mo Ni Pb Se V Zn	14.2 187 0.87 10.1 29.1 30.2 0.88 20.4 6.6 1.7 61.5 60.3	Background(10)
SBL0389	D9	2	SVOCs/PAHs	Benzo(a)anthracene Benzo(g,h,i)perylene Chrysene Fluoranthene Phenanthrene Pyrene	0.00097 0.0013 0.0019 0.0016 0.00085 0.0024	
			Metals	As Ba Be Co Cr Cu Hg Mo Ni Pb Se V Zn	9.9 142 0.73 10.4 27.9 51 0.18 0.76 20.5 12.6 1.5 58.2 63.5	
		7	VOCs	All Analytes	ND	
SBL0390	D9	2	SVOCs/PAHs	Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Indeno(1,2,3-c,d)pyrene	0.0066 0.067 0.22 0.21 0.12 0.15 0.13 0.047 0.082 0.098	Industrial PRG(0.21)

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0390	D9	2	SVOCs/PAHs	Phenanthrene	0.012	
				Pyrene	0.15	
			Metals	As	6.6	
				Ba	278	
				Be	0.62	
				Cd	0.064	
				Co	17.3	
				Cr	31.1	
				Cu	89.7	
				Hg	0.063	
SBL0391	D9	2	SVOCs/PAHs	Mo	0.74	
				Ni	33.7	
			Metals	Pb	8.5	
				Se	1.4	
				V	52.8	
				Zn	63	
				7	VOCs	All Analytes
					ND	
			Metals	All Analytes	ND	
				As	4.8	
SBL0392	F7	1.5	Metals	Ba	174	
				Be	0.7	
			SVOCs	Co	9.9	
				Cr	25.9	
				Cu	64.1	
				Hg	0.12	
				Mo	0.58	
				Ni	21.8	
				Pb	9.7	
				Sb	0.88	
SBL0393	F7	1.5	Metals	Se	1.5	
				V	53.1	
				Zn	60.6	
				7	VOCs	All Analytes
					ND	
			Chromium	Chromium (Total)	31	
				Chromium (VI)	0.23	
				Chromium (Total)	25.7	
				Chromium (VI)	<0.4	
				Chromium (Total)	28	
SBL0394	G7	3	Chromium	Chromium (VI)	0.34	
				Chromium (Total)	35.6	
				Chromium (VI)	0.22	
				Chromium (Total)	44.5	
				Chromium (VI)	<0.4	
				Chromium (Total)	25.6	
				Chromium (VI)	0.35	
				Chromium (Total)	27.6	
				Chromium (VI)	0.35	
				4,4'-DDD	0.02	
SBL0399	D3	1.5	Pesticides & PCBs	All Analytes	ND	
SBL0400	D3	1.5	Pesticides & PCBs	All Analytes	ND	
SBL0401	D3	1.5	Pesticides & PCBs	All Analytes	ND	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0402	D3	14.5	VOCs	Tetrachloroethene Trichloroethene	0.003 0.0085	
SBL0403	D3	14.5	VOCs	Tetrachloroethene Trichloroethene	0.011 0.013	
SBL0404	D3	7	VOCs	Tetrachloroethene Trichloroethene	0.018 0.059	Residential PRG(0.053)
		14.5	VOCs	Trichloroethene	0.0085	
SBL0405	G6	1.5	SVOCs/PAHs	Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Indeno(1,2,3-c,d)pyrene Phenanthrene Pyrene	0.016 0.03 0.023 0.063 0.036 0.029 0.013 0.022 0.02 0.0083 0.028	
SBL0406	G6	1.5	SVOCs/PAHs	2-Methylnaphthalene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.0022 0.0011 0.0016 0.0035 0.0035 0.0027 0.0034 0.0021 0.0043 0.0013 0.0058 0.002 0.0017 0.013 0.0086	
SBL0407	E4	12	SVOCs/PAHs	All Analytes	ND	
SBL0408	D4	1.5	SVOCs/PAHs	All Analytes	ND	
SBL0409	D9	2.1	SVOCs/PAHs	All Analytes	ND	
SBL0410	F5	2.5	SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Indeno(1,2,3-c,d)pyrene	0.015 0.0055 0.024 0.019 0.047 0.022 0.014 0.015 0.021 0.05 0.008 0.07 0.019 0.012	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0410	F5	2.5	SVOCs/PAHs	Naphthalene Phenanthrene Pyrene	0.025 0.23 0.16	
SBL0411	G5	7.2	VOCs	All Analytes	ND	
SBL0412	F5	7.2	SVOCs/PAHs	2-Methylnaphthalene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Fluoranthene Naphthalene Phenanthrene Pyrene	0.00047 0.00049 0.0016 0.001 0.00088 0.0005 0.0016 0.0012 0.0008 0.0034 0.0027	
SBL0413	C5	7.2	SVOCs/PAHs	Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Indeno(1,2,3-c,d)pyrene Phenanthrene Pyrene	0.0012 0.001 0.0012 0.00073 0.0011 0.0023 0.00037 0.00094 0.0006 0.0016 0.0015	
SBL0414	C3	1.5	SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.0069 0.0018 0.0026 0.0056 0.032 0.037 0.044 0.044 0.029 0.047 0.013 0.04 0.0014 0.034 0.0034 0.063 0.055	
SBL0415	C3	1.5	SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene	0.075 0.019 0.056 0.076 0.25 0.25 0.26	Industrial PRG(0.21)

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0415	C3	1.5	SVOCs/PAHs	Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.15 0.2 0.24 0.051 0.36 0.053 0.12 0.11 0.5 0.51	
SBL0416	C3	1.5	SVOCs/PAHs	2-Methylnaphthalene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.0071 0.0051 0.042 0.057 0.05 0.065 0.052 0.077 0.016 0.056 0.058 0.004 0.026 0.064	
SBL0417	F5	1.5	SVOCs/PAHs	All Analytes	ND	
SBL0418	E5	1.5	SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Naphthalene Phenanthrene Pyrene	0.068 0.012 0.034 0.019 0.027 0.018 0.036 0.1 0.014 0.02 0.056 0.017 0.097 0.044	
SBL0419	D9	1.5	SVOCs/PAHs	2-Methylnaphthalene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Naphthalene Phenanthrene	0.00061 0.00099 0.01 0.0022 0.0015 0.00087 0.0035 0.00079 0.0006 0.00039 0.0013	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0419	D9	1.5	SVOCs/PAHs	Pyrene	0.0018	
SBL0420	E4	2	SVOCs/PAHs	2-Methylnaphthalene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.001 0.0019 0.0056 0.0079 0.016 0.0083 0.013 0.015 0.0027 0.0086 0.0074 0.00055 0.0035 0.011	
SBL0421	F4	1.5	SVOCs/PAHs	2-Methylnaphthalene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Fluoranthene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.0022 0.001 0.0037 0.0055 0.004 0.0029 0.0026 0.0067 0.0038 0.0021 0.0014 0.01 0.0069	
SBL0422	D4	0.5	SVOCs/PAHs	2-Methylnaphthalene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.0063 0.048 0.015 0.0081 0.016 0.0097 0.021 0.026 0.0034 0.034 0.0095 0.016 0.045 0.041	
SBL0423	F6	1.5	SVOCs/PAHs	Dibenzo(a,h)anthracene	0.00029	
SBL0424	B5	3.5	SVOCs/PAHs	Benzo(b)fluoranthene Benzo(g,h,i)perylene Fluoranthene Phenanthrene Pyrene	0.00052 0.0004 0.00049 0.00039 0.00069	
SBL0425	B5	1.5	Metals	As Ba	10.8 131	Background(10)

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0425	B5	1.5	Metals	Be Cd Co Cr Cu Hg Mo Ni Pb Sb Se Tl V Zn	0.69 0.22 9.6 42.7 46.4 0.024 1.9 35.5 17 0.91 1.5 1.4 56 103	
SBL0426	B5	1.5	SVOCs/PAHs	2-Methylnaphthalene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Indeno(1,2,3-c,d)pyrene Phenanthrene Pyrene	0.0073 0.011 0.0049 0.023 0.032 0.02 0.025 0.024 0.024 0.0081 0.027 0.019 0.017 0.041	
SBL0427	B5	0.8	SVOCs/PAHs	2-Methylnaphthalene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.0059 0.076 0.045 0.31 0.76 0.48 0.83 0.42 0.37 0.075 0.58 0.51 0.041 0.15 1.1	Industrial PRG(0.21)
SBL0428	D4	10	SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene	0.022 0.01 0.036 0.021 0.014 0.015 0.011	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0428	D4	10	SVOCs/PAHs	Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Naphthalene Phenanthrene Pyrene	0.01 0.06 0.0031 0.066 0.013 0.01 0.47 0.15	
SBL0429	D4	1.5	SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.0065 0.0015 0.007 0.0048 0.0088 0.0084 0.0096 0.0081 0.0051 0.012 0.0019 0.016 0.0041 0.0058 0.0041 0.041 0.032	
SBL0430	B5	3.5	SVOCs/PAHs	2-Methylnaphthalene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.0048 0.022 0.017 0.11 0.32 0.17 0.39 0.24 0.18 0.032 0.19 0.25 0.017 0.064 0.33	Industrial PRG(0.21)
SBL0431	B5	1.5	SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene	0.001 0.002 0.0046 0.0038 0.029 0.044 0.086 0.043 0.044 0.041	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0431	B5	1.5	SVOCs/PAHs	Dibenz(a,h)anthracene Fluoranthene Fluorene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.011 0.029 0.0013 0.039 0.0014 0.011 0.057	
SBL0432	B5	1.5	Metals	As Ba Be Cd Co Cr Cu Hg Mo Ni Pb Tl V Zn	4.6 124 0.58 0.21 8.4 20.9 34.7 0.058 1.3 13.2 16.7 0.58 41.7 60	
SBL0433	F6	1.5	SVOCs/PAHs	Benzo(a)anthracene Benzo(g,h,i)perylene Chrysene Fluoranthene Indeno(1,2,3-c,d)pyrene Phenanthrene Pyrene	0.0006 0.0017 0.0011 0.00092 0.00073 0.00083 0.0012	
SBL0434	E5	1	VOCs	Acetone Methyl Ethyl Ketone	0.15 0.021	
SBL0435	E5	1.5	SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Benzo(a)anthracene Benzo(g,h,i)perylene Chrysene Fluorene Naphthalene Phenanthrene Pyrene	0.11 0.012 0.01 0.0065 0.017 0.022 0.028 0.042 0.02	
SBL0436	E5	1.5	SVOCs/PAHs	Benzo(a)anthracene Benzo(a)pyrene Benzo(g,h,i)perylene Chrysene Dibenz(a,h)anthracene Indeno(1,2,3-c,d)pyrene Pyrene	0.0059 0.0055 0.013 0.017 0.0028 0.0067 0.01	
SBL0437	E5	6	SVOCs/PAHs	2-Methylnaphthalene Anthracene Benzo(a)anthracene Benzo(a)pyrene	0.0017 0.00068 0.0054 0.0056	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0437	E5	6	SVOCs/PAHs	Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.0052 0.0041 0.0024 0.012 0.0015 0.0051 0.0032 0.002 0.0062 0.0088	
SBL0438	E5	1.5	SVOCs/PAHs	2-Methylnaphthalene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.00077 0.0021 0.0029 0.0047 0.002 0.0033 0.0057 0.00071 0.0041 0.00096 0.001 0.0022 0.0049	
SBL0439	E5	6	SVOCs/PAHs	All Analytes	ND	
SBL0440	E5	8.6	SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.047 0.25 0.047 0.12 0.086 0.031 0.034 0.027 0.022 0.084 0.016 0.22 0.018 0.034 0.26 0.48	
SBL0441	D4	1.5	SVOCs/PAHs	2-Methylnaphthalene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Fluoranthene Naphthalene Phenanthrene	0.0026 0.00073 0.00081 0.00096 0.00064 0.00063 0.0014 0.00097 0.00047 0.0023	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0441	D4	1.5	SVOCs/PAHs	Pyrene	0.0016	
SBL0442	D4	1.5	SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Naphthalene Phenanthrene Pyrene	0.036 0.0055 0.006 0.0026 0.0016 0.0013 0.0025 0.0022 0.00093 0.0043 0.0005 0.0013 0.0054 0.2 0.013 0.0029	
SBL0443	E4	11	SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Fluoranthene Fluorene Naphthalene Phenanthrene Pyrene	22 1.2 1.2 1.9 0.42 0.2 0.16 0.034 0.064 0.34 0.92 1.4 87 13 2	
SBL0444	E6	1.5	SVOCs/PAHs	2-Methylnaphthalene Anthracene Benzo(a)anthracene Chrysene Fluoranthene Naphthalene Phenanthrene Pyrene	0.00081 0.0019 0.0016 0.002 0.00073 0.0013 0.0021 0.0013	
SBL0445	E5	1.5	SVOCs/PAHs	2-Methylnaphthalene Benzo(a)anthracene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Fluoranthene Naphthalene Phenanthrene Pyrene	0.0012 0.0018 0.002 0.0029 0.011 0.0018 0.0031 0.0036 0.0034	
SBL0446	E5	1.5	SVOCs/PAHs	All Analytes	ND	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0447	E5	1.5	SVOCs/PAHs	2-Methylnaphthalene Benzo(a)anthracene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Fluoranthene Naphthalene Phenanthrene Pyrene	0.0003 0.0029 0.0012 0.0016 0.0032 0.0011 0.00033 0.00091 0.001	
SBL0448	F4	1.5	SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Fluoranthene Fluorene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.017 0.0027 0.015 0.0067 0.01 0.012 0.0055 0.0043 0.0091 0.014 0.014 0.0053 0.0022 0.0037 0.037 0.036	
SBL0449	F4	1.5	SVOCs/PAHs	2-Methylnaphthalene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.0031 0.0021 0.0017 0.0041 0.0049 0.0038 0.0036 0.0056 0.0066 0.001 0.0062 0.0011 0.0024 0.0014 0.0087 0.0098	
SBL0450	E4	6.5	SVOCs/PAHs	2-Methylnaphthalene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene	0.002 0.0019 0.002 0.0023 0.0033 0.0031 0.0024 0.0041 0.006	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0450	E4	6.5	SVOCs/PAHs	Dibenz(a,h)anthracene Fluoranthene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.0034 0.0035 0.00079 0.00077 0.0059 0.0058	
SBL0451	F4	2	SVOCs/PAHs	2-Methylnaphthalene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.003 0.0019 0.00096 0.0032 0.0023 0.0021 0.0017 0.0032 0.0073 0.0006 0.0073 0.00066 0.00066 0.0067 0.017	
SBL0452	E4	2	SVOCs/PAHs	All Analytes	ND	
SBL0453	E4	2	SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.0051 0.00093 0.0055 0.0027 0.0076 0.0062 0.0054 0.0069 0.0078 0.017 0.0024 0.016 0.0019 0.0024 0.0018 0.022 0.035	
SBL0454	F4	7.2	SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene	0.0031 0.0011 0.0096 0.0037 0.0029 0.006 0.0019 0.0038 0.009 0.0067 0.015	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0454	F4	7.2	SVOCs/PAHs	Fluorene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.0016 0.00074 0.0061 0.032 0.013	
SBL0455	E5	1.2	SVOCs/PAHs	All Analytes	ND	
SBL0456	G7	1.5	Chromium	Chromium (Total) Chromium (VI)	30.8 0.3	
SBL0457	H7	1.5	Chromium	Chromium (Total) Chromium (VI)	30 <0.4	
SBL0458	H7	1.5	Chromium	Chromium (Total) Chromium (VI)	29 <0.4	
SBL0459	H7	2	Chromium	Chromium (Total) Chromium (VI)	26.5 0.2	
SBL0460	H7	1.5	Chromium	Chromium (Total) Chromium (VI)	28.6 0.24	
SBL0461	H7	1.5	Chromium	Chromium (Total) Chromium (VI)	35.8 <0.4	
SBL0462	H7	2	Chromium	Chromium (Total) Chromium (VI)	33.5 0.82	
SBL0463	G8	11	VOCs	Acetone	0.039	
			SVOCs/PAHs	2-Methylnaphthalene	0.00033	
			Metals	As	3.7	
				Ba	121	
				Be	0.52	
				Co	7.7	
				Cr	21.2	
				Cu	26.5	
				Mo	1.1	
				Ni	15.5	
				Pb	3.9	
				Se	0.42	
				Tl	1.3	
				V	48.5	
				Zn	50.1	
SBL0464	G8	1.5	SVOCs/PAHs	Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Fluoranthene Indeno(1,2,3-c,d)pyrene Phenanthrene Pyrene	0.0019 0.0015 0.0024 0.00057 0.0021 0.0026 0.0039 0.00069 0.0015 0.0041	
SBL0465	G7	14	VOCs	Acetone Ethylbenzene Methyl Ethyl Ketone Naphthalene Styrene	0.081 0.0027 0.056 0.0078 0.0024	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0465	G7	14	SVOCs/PAHs	2-Methylnaphthalene Anthracene Fluoranthene Naphthalene Phenanthrene Pyrene	0.0047 0.00046 0.00045 0.0025 0.0012 0.00043	
			Metals	As Ba Be Cd Co Cr Cu Mo Ni Pb Tl V Zn	3.3 99.1 0.25 0.28 5.4 14.5 5,750 0.92 10.9 2.5 1.1 33.5 34.6	Residential PRG(3,100)
SBL0466	H8	1.5	SVOCs/PAHs	2-Methylnaphthalene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Naphthalene Phenanthrene Pyrene	0.00069 0.00047 0.0011 0.0014 0.0017 0.00062 0.00099 0.0024 0.0002 0.0029 0.00057 0.0033 0.003	
			Metals	As Ba Be Co Cr Cu Mo Ni Pb Sb Se Tl V Zn	5.8 185 0.69 10 25.6 36.9 1.8 21.1 8 0.7 0.97 1.8 52 58	
		7	VOCs	Methyl tert-butyl ether	0.033	
SBL0467	B5	1.5	SVOCs/PAHs	2-Methylnaphthalene Acenaphthene Acenaphthylene	0.0039 0.0021 0.0089	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0467	B5	1.5	SVOCs/PAHs	Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.0032 0.01 0.012 0.021 0.012 0.0027 0.013 0.002 0.014 0.0025 0.0093 0.0035 0.016 0.023	
SBL0468	B5	0.5	SVOCs/PAHs	Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Fluoranthene Indeno(1,2,3-c,d)pyrene Phenanthrene Pyrene	0.022 0.018 0.055 0.012 0.045 0.047 0.064 0.012 0.026 0.061	
SBL0469	B5	1	SVOCs/PAHs	Acenaphthylene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Indeno(1,2,3-c,d)pyrene Naphthalene Phenanthrene Pyrene	0.00099 0.0021 0.0052 0.0044 0.0072 0.0044 0.0027 0.00049 0.0035 0.0054 0.00036 0.00095 0.0063	
SBL0470	G7	1.5	Metals	As Ba Be Cd Co Cr Cu Hg Mo Ni Pb V Zn	17.5 168 0.68 0.5 8.5 35.3 64.4 0.069 1 21.5 26.9 50.1 81.5	Background(10)

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0471	H7	13.8	Metals	As Ba Be Cd Co Cr Cu Hg Mo Ni Pb Se V Zn	3.6 98.4 0.46 0.26 7.1 18.1 151 0.048 0.8 13.5 8.1 0.61 41.7 58.8	
SBL0472	G7	7.6	Metals	As Ba Be Cd Co Cr Cu Mo Ni Pb Sb V Zn	4.2 289 0.88 0.61 12.2 28.1 68.9 0.77 21.2 9 0.68 55.4 65.3	
SBL0473	D3	2	VOCs	Acetone Tetrachloroethene Trichloroethene cis-1,2-Dichloroethene	0.014 0.051 0.07 0.0026	Residential PRG(0.053)
		14.7	VOCs	Tetrachloroethene Trichloroethene	0.011 0.044	
SBL0474	D3	2	VOCs	Chloroform Tetrachloroethene Trichloroethene	0.0015 0.07 0.13	Residential PRG(0.053)
		14.5	VOCs	Tetrachloroethene Trichloroethene	0.014 0.049	
SGL0048	G3	10	VOCs	Acetone Benzene Ethylbenzene	0.094 0.016 0.022	
SGL0049	G3	5	VOCs	Benzene Ethylbenzene	0.55 0.4	
SGL0050	G3	5	VOCs	Benzene Ethylbenzene	300 4,800	Residential PRG(0.60) Residential PRG(8.9)
SPL0001	H8	10	VOCs	All Analytes	ND	
		11	VOCs	All Analytes	ND	
SSL0001-06	I2	0.5	Cyanide	All Analytes	ND	
			SVOCs/PAHs	Bis(2-ethylhexyl)phthalate Butylbenzylphthalate	0.77 0.34	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SSL0001-06	I2	0.5	SVOCs/PAHs	Pyrene	0.21	
				4,4'-DDE	2.2	Residential PRG(1.7)
				4,4'-DDT	5.3	Residential PRG(1.7)
			Metals	Al	16,000	
				As	30	Background(10)
				Ba	140	
				Be	0.53	
				Ca	16,000	
				Cd	6.7	
				Co	8.8	
				Cr	28	
				Cu	60	
				Fe	23,000	
				K	3,100	
				Mg	6,600	
				Mn	360	
				Na	480	
				Ni	25	
				Pb	46	
				V	37	
				Zn	140	
SSL0007-10	I3	0.5	Cyanide	All Analytes	ND	
			SVOCs/PAHs	Benzo(a)anthracene	0.31	
				Fluoranthene	0.53	
				Phenanthrene	1	
				Pyrene	0.73	
			Pesticides & PCBs	4,4'-DDE	0.79	
				4,4'-DDT	4.2	Residential PRG(1.7)
			Metals	Al	22,000	
				As	5.3	
				Ba	170	
				Be	0.72	
				Ca	5,000	
				Cd	6.8	
				Co	11	
				Cr	49	
				Cu	59	
				Fe	31,000	
				Hg	0.21	
				K	3,500	
				Mg	7,100	
				Mn	550	
				Na	440	
				Ni	21	
				Pb	110	
				V	46	
				Zn	130	
SSL0011-13	I4	0.5	Cyanide	All Analytes	ND	
			SVOCs/PAHs	2-Methylnaphthalene	0.25	
				Acenaphthylene	0.47	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SSL0011-13	I4	0.5	SVOCs/PAHs	Fluoranthene	0.24	
				Phenanthrene	1.2	
				Pyrene	0.76	
			Pesticides & PCBs	4,4'-DDD	2.7	Residential PRG(2.4)
				4,4'-DDT	9.1	Residential PRG(1.7)
			Metals	Al	19,000	
				As	13	Background(10)
				Ba	170	
				Be	0.96	
				Ca	6,200	
				Cd	7	
				Co	11	
				Cr	44	
				Cu	140	
				Fe	27,000	
				Hg	0.35	
				K	2,600	
				Mg	6,900	
				Mn	520	
				Na	1,000	
				Ni	45	
				Pb	74	
				V	160	
				Zn	120	
SSL0014-16	I5	0.5	Cyanide	All Analytes	ND	
				All Analytes	ND	
			SVOCs/PAHs	4,4'-DDD	0.039	
				4,4'-DDT	0.18	
			Metals	Al	19,000	
				As	6.3	
				Ba	160	
				Be	0.53	
				Ca	8,000	
				Cd	6.3	
				Co	9.9	
				Cr	19	
				Cu	23	
				Fe	26,000	
				K	3,200	
				Mg	7,400	
				Mn	360	
				Na	300	
				Ni	12	
				Pb	9.8	
				V	38	
				Zn	77	
SSL0033-34	G7	0.5	Cyanide	All Analytes	ND	
				All Analytes	ND	
			SVOCs/PAHs	4,4'-DDD	0.018	
				4,4'-DDE	0.018	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SSL0033-34	G7	0.5	Pesticides & PCBs	4,4'-DDT	0.075	
			Metals	Al	18,000	
				As	5.9	
				Ba	140	
				Be	0.6	
				Ca	10,000	
				Cd	7.3	
				Co	11	
				Cr	23	
				Cu	41	
				Fe	27,000	
				K	4,100	
				Mg	7,700	
				Mn	540	
				Na	670	
				Ni	15	
				Pb	8.9	
				V	42	
				Zn	63	
SSL0035-36	G7	0.5	Cyanide	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
			Pesticides & PCBs	4,4'-DDD	0.0043	
				4,4'-DDE	0.0056	
				4,4'-DDT	0.022	
				Dieldrin	0.0084	
			Metals	Al	21,000	
				As	4.7	
				Ba	180	
				Be	0.68	
				Ca	12,000	
				Cd	6.9	
				Co	11	
				Cr	22	
				Cu	64	
				Fe	30,000	
				K	3,700	
				Mg	8,700	
				Mn	620	
				Na	730	
				Ni	16	
				Pb	5.6	
				V	45	
				Zn	58	
SSL0037-42	F8	0.5	Cyanide	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
			Pesticides & PCBs	4,4'-DDD	0.016	
				4,4'-DDE	0.016	
				4,4'-DDT	0.075	
			Dieldrin		0.01	
			Metals	Al	15,000	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SSL0037-42	F8	0.5	Metals	As Ba Be Ca Cd Co Cr Cu Fe K Mg Mn Na Ni Pb V Zn	14 140 0.56 9,700 6.8 9.6 18 42 24,000 3,000 6,800 390 510 14 13 38 56	Background(10)
SSL0043-48	F9	0.5	Cyanide	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
			Pesticides & PCBs	4,4'-DDD 4,4'-DDE 4,4'-DDT	0.02 0.038 0.057	
			Metals	Al As Ba Be Ca Cd Co Cr Cu Fe K Mg Mn Na Ni Pb V Zn	15,000 5.5 130 0.52 6,600 6.9 9.2 19 22 23,000 3,400 6,100 350 270 14 37 37 62	
SSL0049-54	H7	0.5	Cyanide	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
			Pesticides & PCBs	4,4'-DDD 4,4'-DDE 4,4'-DDT	0.024 0.023 0.062	
			Metals	Al As Ba Be Ca	22,000 3.6 200 0.65 9,400	

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SSL0049-54	H7	0.5	Metals	Cd Co Cr Cu Fe Hg K Mg Mn Na Ni Pb V Zn	6.9 11 23 100 31,000 0.29 3,500 8,300 550 600 19 12 47 69	
SSL0055-60	H7	0.5	Cyanide	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
			Pesticides & PCBs	4,4'-DDD 4,4'-DDE 4,4'-DDT Dieldrin	0.011 0.01 0.037 0.0054	
			Metals	Al As Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Na Ni Pb V Zn	21,000 2.6 210 0.66 7,400 6.8 12 23 38 30,000 0.28 3,500 8,200 570 700 17 6.9 45 56	
SSL0085	E4	2	VOCs	All Analytes	ND	
			SVOCs/PAHs	Pyrene	0.37	
			Metals	As Ba Be Co Cr Cu Ni Pb Tl	5.8 140 0.71 12 27 42 21 38 12	Residential PRG(5.2)

**TABLE 16**  
**SUMMARY OF DETECTED COMPOUNDS AT SHALLOW SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SSL0085	E4	2	Metals	V Zn	58 120	
SSL0086	E4	1.5	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
		3	Metals	As Ba Be Co Cr Cu Ni Pb V Zn	5.6 130 0.67 8.4 25 39 30 28 64 110	
SSL0087	F4	1.5	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
			Metals	As	4.8	
				Ba	130	
				Be	0.66	
				Co	11	
				Cr	23	
				Cu	54	
				Ni	18	
				Pb	33	
				Tl	11	Residential PRG(5.2)
				V	53	
				Zn	130	
XHAB-01	I7	5	VOCs	Benzene	0.065	
			SVOCs/PAHs	All Analytes	ND	
XMW-04HD	I8	5	VOCs	All Analytes	ND	
		10	VOCs	All Analytes	ND	
		15	VOCs	Benzene	0.08	

**Note:**

Each boring ID identified in table can be found on Figure 18 at the specified grid coordinates.

**TABLE 17**  
**STATISTICAL SUMMARY OF SHALLOW SOIL DATA**

Compound Class	Compound	Times Analyzed	Detection Frequency (%)	Concentration Range Frequency (% by mg/kg)					Max. Conc. (mg/kg)	Screening Criteria (mg/kg)	Number/Frequency (%) of Screening Criteria Exceedences
				ND - 0.5	>0.5 - 1	>1-10	>10-100	>100			
VOCs	Benzene	226	11.5	94.2	2.2	3.1	0.0	0.4	300	0.60	12/5.3
	Ethylbenzene	226	15.9	92.9	0.0	1.8	3.1	2.2	12,000	8.9	12/5.3
	Trichloroethene	210	11.4	100.0	0.0	0.0	0.0	0.0	0.29	0.053	7/3.3
	1,2,4-Trimethylbenzene	169	3.6	97.6	0.0	1.2	1.2	0.0	76	52	1/0.6
	Styrene	207	4.3	98.6	0.0	0.5	0.5	0.5	15,000	1,700	1/0.5
	1,1-Dichloroethane	210	0.5	100.0	0.0	0.0	0.0	0.0	0.011	2.8	0/0.0
	1,2,4-Trichlorobenzene	211	0.5	100.0	0.0	0.0	0.0	0.0	0.02	650	0/0.0
	1,3,5-Trimethylbenzene	169	1.8	99.4	0.0	0.6	0.0	0.0	1.5	21	0/0.0
	2-Hexanone	205	0.5	99.5	0.0	0.0	0.5	0.0	45	None	Not Applicable
	Acetone	205	6.8	100.0	0.0	0.0	0.0	0.0	0.32	1,600	0/0.0
	Carbon disulfide	173	1.2	100.0	0.0	0.0	0.0	0.0	0.0049	360	0/0.0
	Chloroform	210	2.4	100.0	0.0	0.0	0.0	0.0	0.0035	0.94	0/0.0
	Cyclohexane	39	7.7	94.9	2.6	0.0	0.0	2.6	110	140	0/0.0
	Isopropylbenzene	169	5.3	98.2	0.6	1.2	0.0	0.0	3.8	570	0/0.0
	Methyl Ethyl Ketone	207	2.4	100.0	0.0	0.0	0.0	0.0	0.093	7,300	0/0.0
	Methyl isobutyl ketone	204	0.5	99.5	0.0	0.0	0.5	0.0	24	790	0/0.0
	Methyl tert-butyl ether	125	0.8	100.0	0.0	0.0	0.0	0.0	0.033	17	0/0.0
	Naphthalene	420	30.5	97.6	1.0	1.0	0.5	0.0	87	190	0/0.0
	Tetrachloroethene	210	14.8	99.5	0.5	0.0	0.0	0.0	0.66	1.5	0/0.0
	Toluene	226	5.3	98.2	0.0	0.9	0.9	0.0	34	520	0/0.0
	Xylenes (Total)	170	4.1	98.2	0.0	0.0	1.8	0.0	72	270	0/0.0
	cis-1,2-Dichloroethene	210	1.4	100.0	0.0	0.0	0.0	0.0	0.011	43	0/0.0
	n-Butylbenzene	162	8.6	99.4	0.0	0.0	0.6	0.0	27	240	0/0.0
	n-Propylbenzene	169	3.0	98.8	0.6	0.6	0.0	0.0	1.7	240	0/0.0
	p-Isopropyltoluene	162	1.9	99.4	0.0	0.6	0.0	0.0	6.4	None	Not Applicable
	sec-Butylbenzene	169	7.1	98.2	1.2	0.0	0.6	0.0	51	220	0/0.0
	tert-Butylbenzene	169	0.6	100.0	0.0	0.0	0.0	0.0	0.002	390	0/0.0
SVOCs/PAHs	Benzo(a)pyrene	264	47.0	98.1	0.8	0.8	0.4	0.0	13	0.21	11/4.2
	Benzo(a)anthracene	264	52.3	98.5	0.4	1.1	0.0	0.0	4.8	2.1	3/1.1
	Benzo(k)fluoranthene	264	46.6	98.9	0.0	1.1	0.0	0.0	6.7	1.3	3/1.1
	Dibenzo(a,h)anthracene	264	35.6	99.2	0.4	0.4	0.0	0.0	1.7	0.21	3/1.1
	Benzo(b)fluoranthene	264	48.5	98.9	0.0	1.1	0.0	0.0	10	2.1	2/0.8
	Indeno(1,2,3-c,d)pyrene	264	39.0	98.5	1.1	0.0	0.4	0.0	19	2.1	1/0.4
	N-Nitrosodiphenylamine	50	2.0	98.0	0.0	0.0	0.0	2.0	280	99	1/2.0
	2-Methylnaphthalene	264	49.6	96.2	1.1	1.5	1.1	0.0	49	190	0/0.0
	Acenaphthene	264	20.8	98.5	0.4	1.1	0.0	0.0	4.7	29,000	0/0.0

**TABLE 17**  
**STATISTICAL SUMMARY OF SHALLOW SOIL DATA**

Compound Class	Compound	Times Analyzed	Detection Frequency (%)	Concentration Range Frequency (% by mg/kg)					Max. Conc. (mg/kg)	Screening Criteria (mg/kg)	Number/Frequency (%) of Screening Criteria Exceedences
				ND - 0.5	>0.5 - 1	>1-10	>10-100	>100			
SVOCs/PAHs	Acenaphthylene	264	29.5	97.7	0.8	1.5	0.0	0.0	1.7	29,000	0/0.0
	Anthracene	264	40.2	96.6	1.1	1.5	0.8	0.0	18	100,000	0/0.0
	Benzo(g,h,i)perylene	264	48.5	98.5	1.1	0.0	0.4	0.0	16	29,000	0/0.0
	Bis(2-ethylhexyl)phthalate	50	2.0	98.0	2.0	0.0	0.0	0.0	0.77	35	0/0.0
	Butylbenzylphthalate	50	2.0	100.0	0.0	0.0	0.0	0.0	0.34	12,000	0/0.0
	Chrysene	264	56.4	97.7	0.8	1.5	0.0	0.0	6.4	13	0/0.0
	Di-n-butylphthalate	50	2.0	100.0	0.0	0.0	0.0	0.0	0.33	6,100	0/0.0
	Fluoranthene	264	58.3	95.5	2.3	2.3	0.0	0.0	8.8	22,000	0/0.0
	Fluorene	264	22.0	97.0	0.4	1.9	0.8	0.0	17	26,000	0/0.0
	Phenanthrene	264	62.1	92.8	1.5	3.4	1.9	0.4	120	29,000	0/0.0
Pest./PCBs	4,4'-DDT	59	39.0	93.2	0.0	6.8	0.0	0.0	9.1	1.7	4/6.8
	4,4'-DDD	59	30.5	96.6	0.0	3.4	0.0	0.0	2.7	2.4	1/1.7
	4,4'-DDE	59	33.9	94.9	1.7	3.4	0.0	0.0	2.2	1.7	1/1.7
	Aroclor 1260	62	9.7	100.0	0.0	0.0	0.0	0.0	0.42	0.22	1/1.6
	Dieldrin	59	5.1	100.0	0.0	0.0	0.0	0.0	0.01	0.030	0/0.0
Metals	As	107	98.1	1.9	0.9	88.8	8.4	0.0	30	10	9/8.4
	Cu	106	100.0	0.0	0.0	2.8	86.8	10.4	40,700	3,100	3/2.8
	Tl	106	17.9	82.1	4.7	11.3	1.9	0.0	12	5.2	3/2.8
	Pb	106	97.2	2.8	0.0	58.5	36.8	1.9	586	150	1/0.9
	Al	29	100.0	0.0	0.0	0.0	0.0	100.0	27,000	76,000	0/0.0
	Ba	106	100.0	0.0	0.0	0.0	18.9	81.1	289	5,400	0/0.0
	Be	106	81.1	45.3	53.8	0.9	0.0	0.0	1.1	150	0/0.0
	Ca	30	96.7	3.3	0.0	0.0	0.0	96.7	18,000	None	Not Applicable
	Cd	105	48.6	63.8	5.7	18.1	12.4	0.0	17	37	0/0.0
	Co	106	100.0	0.0	0.0	68.9	31.1	0.0	17.3	900	0/0.0
	Cr	140	100.0	0.0	0.0	0.0	99.3	0.7	153	210	0/0.0
	Cr (Hex)	48	75.0	83.3	10.4	6.3	0.0	0.0	3.8	30	0/0.0
	Fe	29	100.0	0.0	0.0	0.0	0.0	100.0	43,000	43,000	0/0.0
	Hg	104	46.2	99.0	0.0	1.0	0.0	0.0	2.9	23	0/0.0
	K	29	100.0	0.0	0.0	0.0	0.0	100.0	6,900	None	Not Applicable
	Mg	29	100.0	0.0	0.0	0.0	0.0	100.0	13,000	None	Not Applicable
	Mn	29	100.0	0.0	0.0	0.0	0.0	100.0	620	1,800	0/0.0
	Mo	77	64.9	49.4	39.0	11.7	0.0	0.0	2.8	390	0/0.0
	Na	29	100.0	0.0	0.0	0.0	0.0	100.0	4,100	None	Not Applicable
	Ni	106	100.0	0.0	0.0	8.5	91.5	0.0	70.3	1,600	0/0.0

**TABLE 17**  
**STATISTICAL SUMMARY OF SHALLOW SOIL DATA**

Compound Class	Compound	Times Analyzed	Detection Frequency (%)	Concentration Range Frequency (% by mg/kg)					Max. Conc. (mg/kg)	Screening Criteria (mg/kg)	Number/Frequency (%) of Screening Criteria Exceedences
				ND - 0.5	>0.5 - 1	>1-10	>10-100	>100			
Metals	Sb	93	18.3	81.7	17.2	1.1	0.0	0.0	1.1	31	0/0.0
	Se	102	49.0	55.9	13.7	30.4	0.0	0.0	2.6	390	0/0.0
	V	106	100.0	0.0	0.0	0.0	99.1	0.9	160	550	0/0.0
	Zn	106	100.0	0.0	0.0	0.0	87.7	12.3	184	23,000	0/0.0
Cyanide	Cyanide	28	0.0	100.0	0.0	0.0	0.0	0.0	-	1,200	0/0.0
PH	pH	4	100.0	0.0	0.0	100.0	0.0	0.0	10	None	Not Applicable

**Note:**

Screening criteria for shallow soil samples are identified in Table 10 and discussed in Section 5.0 of the report.

Bolded compounds were detected at concentrations in excess of screening criteria at one or more locations.

**TABLE 18**  
**SUMMARY OF DETECTED COMPOUNDS AT DEEP SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
GP1	I7	15.5	VOCs	All Analytes	ND	
GP3	I7	15.5	VOCs	All Analytes	ND	
GP5	I7	15.5	VOCs	All Analytes	ND	
GP6	I7	15.5	VOCs	Benzene	0.64	Residential PRG(0.60)
		20.5	VOCs	Benzene	2.1	Residential PRG(0.60)
GP7	I7	15.5	VOCs	All Analytes	ND	
GP8	I7	15.5	VOCs	Benzene	1.4	Residential PRG(0.60)
		20.5	VOCs	Benzene	0.07	
GP9	I8	15.5	VOCs	Benzene	0.7	Residential PRG(0.60)
GP10	I8	15.5	VOCs	Benzene	3.3	Residential PRG(0.60)
GP11	I8	15.5	VOCs	Benzene	2.3	Residential PRG(0.60)
				Ethylbenzene	0.003	
				Methyl Ethyl Ketone	0.11	
				Naphthalene	0.013	
				Toluene	0.001	
GP12	I7	16.5	VOCs	All Analytes	ND	
GP16	I8	15.5	VOCs	All Analytes	ND	
GP17	I7	15.5	VOCs	All Analytes	ND	
GP19	I7	15.5	VOCs	All Analytes	ND	
GP20	I7	15.5	VOCs	All Analytes	ND	
GP21	I8	15.5	VOCs	All Analytes	ND	
GP22	I8	15.5	VOCs	All Analytes	ND	
GP25	I8	15.5	VOCs	Benzene	1.4	Residential PRG(0.60)
GP26	I7	15.5	VOCs	All Analytes	ND	
GP27	I7	15.5	VOCs	All Analytes	ND	
GP28	I7	15.5	VOCs	All Analytes	ND	
GP29	I7	15.5	VOCs	All Analytes	ND	
GP30	I7	15.5	VOCs	All Analytes	ND	
GP31	I7	15.5	VOCs	All Analytes	ND	
GP32	I7	15.5	VOCs	All Analytes	ND	
GP33	I7	15.5	VOCs	All Analytes	ND	
GP35	I8	15.5	VOCs	All Analytes	ND	
GP36	I8	15.5	VOCs	Benzene	2.8	Residential PRG(0.60)
OWL008A	F3	38.3	VOCs	Benzene	1.1	Residential PRG(0.60)
				Styrene	0.78	
			SVOCs/PAHs	All Analytes	ND	
PZL0021	H3	22.5	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
		42	VOCs	Benzene	0.4	
				Toluene	0.14	
		56.5	SVOCs/PAHs	Phenol	0.53	
			VOCs	Benzene	2,500	Residential PRG(0.60)
				Toluene	160	
			SVOCs/PAHs	All Analytes	ND	
PZL0023	I5	20	Cyanide	All Analytes	ND	
			VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
			Pesticides & PCBs	All Analytes	ND	
			Metals	Al	19,000	
				As	2.7	
				Ba	140	

**TABLE 18**  
**SUMMARY OF DETECTED COMPOUNDS AT DEEP SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
PZL0023	I5	20	Metals	Be	0.49	
				Ca	26,000	
				Cd	3.2	
				Co	12	
				Cr	20	
				Cu	26	
				Fe	31,000	
				K	3,900	
				Mg	13,000	
				Mn	670	
				Na	840	
				Ni	15	
		36	Pesticides & PCBs	Pb	5.2	
				V	45	
				Zn	61	
		45	Metals	All Analytes	ND	
				All Analytes	ND	
				All Analytes	ND	
				All Analytes	ND	
				Al	16,000	
				As	2.9	
				Ba	130	
				Be	0.4	
				Ca	27,000	
				Cd	3.2	
				Co	11	
				Cr	20	
		51	SVOCs/PAHs	Cu	26	
				Fe	29,000	
				K	4,400	
				Mg	11,000	
		17	VOCs	Mn	370	
				Na	250	
			SVOCs/PAHs	Ni	17	
				Pb	4.2	
		28.5	VOCs	V	43	
				Zn	59	
			SVOCs/PAHs	All Analytes	ND	
				All Analytes	ND	
SBL0036	D3	17	VOCs	All Analytes	ND	
				All Analytes	ND	
		28.5	VOCs	All Analytes	ND	
				All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
SBL0036-38	D3	17.8	Cyanide	All Analytes	ND	
				All Analytes	ND	
			Metals	All Analytes	ND	
				Al	12,000	
				As	2.4	
				Ba	99	
				Be	0.32	

**TABLE 18**  
**SUMMARY OF DETECTED COMPOUNDS AT DEEP SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0036-38	D3	17.8	Metals	Ca	10,000	
				Cd	9.1	
				Co	7.4	
				Cr	11	
				Cu	16	
				Fe	17,000	
				K	2,900	
				Mg	6,300	
				Mn	240	
				Na	540	
		22.8	Metals	Ni	8.7	
				Pb	6.4	
				V	26	
				Zn	39	
				Al	18,000	
				As	1.4	
				Ba	130	
				Be	0.54	
				Ca	12,000	
				Cd	15	
SBL0037	D3	17.5	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
SBL0038	D4	19	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
		22.5	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
SBL0040	D3	20	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
SBL0040-42	D3	19.2	Pesticides & PCBs	All Analytes	ND	
			Metals	Al	24,000	
				As	3.1	
				Ba	210	
				Be	0.64	
				Ca	31,000	
				Cd	19	
				Co	13	
				Cr	22	
				Cu	33	

**TABLE 18**  
**SUMMARY OF DETECTED COMPOUNDS AT DEEP SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0040-42	D3	19.2	Metals	Fe K Mg Mn Na Ni Pb V Zn	34,000 4,600 11,000 380 950 15 17 49 71	
SBL0041	C3	18.5	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
SBL0042	D4	19	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
SBL0043	C4	19	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
SBL0043-45	C4	18.3	Cyanide	All Analytes	ND	
			Pesticides & PCBs	All Analytes	ND	
			Metals	Al As Ba Be Ca Cd Co Cr Cu Fe K Mg Mn Na Ni V Zn	15,000 2.4 150 0.47 11,000 16 9.7 15 22 22,000 3,800 8,300 550 500 12 31 55	
SBL0044	D4	17	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
SBL0045	C5	17	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
SBL0046	D4	17	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
SBL0046-48	D4	17	Cyanide	All Analytes	ND	
			Pesticides & PCBs	All Analytes	ND	
			Metals	Al As Ba Be Ca Cd Co Cr Cu	14,000 2.7 120 0.39 11,000 16 8.8 14 21	

**TABLE 18**  
**SUMMARY OF DETECTED COMPOUNDS AT DEEP SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0046-48	D4	17	Metals	Fe K Mg Mn Na Ni V Zn	21,000 3,700 7,700 300 500 10 32 49	
SBL0047	D4	17	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
SBL0048	D5	17	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
SBL0064	I4	25	Cyanide	All Analytes	ND	
			Pesticides & PCBs	4,4'-DDT	0.0027	
			Metals	Al As Ba Be Ca Cd Co Cr Cu Fe K Mg Mn Ni Pb V Zn	19,000 3.3 160 0.61 15,000 7.9 12 21 23 32,000 4,000 11,000 640 15 9.2 49 59	
			30	VOCs	ND	
				SVOCs/PAHs	ND	
			45	VOCs	0.26	
				SVOCs/PAHs	ND	
			55	VOCs	ND	
				SVOCs/PAHs	ND	
SBL0065	I3	25	Cyanide	All Analytes	ND	
			Pesticides & PCBs	All Analytes	ND	
			Metals	Al As Ba Be Ca Cd Co Cr Cu Fe K Mg	14,000 1.4 150 0.44 5,900 7.6 11 17 18 27,000 4,900 9,400	

**TABLE 18**  
**SUMMARY OF DETECTED COMPOUNDS AT DEEP SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0065	I3	25	Metals	Mn	540	
				Ni	14	
				Pb	7.4	
				V	41	
				Zn	55	
		30	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
		47	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
		61	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
SBL0066	I3	25	Cyanide	All Analytes	ND	
			Pesticides & PCBs	All Analytes	ND	
			Metals	Al	20,000	
				As	1.2	
				Ba	130	
				Be	0.6	
				Ca	10,000	
				Cd	7.4	
				Co	12	
				Cr	21	
				Cu	20	
				Fe	32,000	
				K	5,000	
				Mg	10,000	
SBL0068	F3	25	VOCs	All Analytes	ND	
		45	VOCs	Benzene	0.11	
		50	VOCs	All Analytes	ND	
		50	VOCs	All Analytes	ND	
SBL0069	F3	21.5	VOCs	Ethylbenzene	1.2	
		26.5	VOCs	All Analytes	ND	
		43	VOCs	Benzene	0.021	
				Ethylbenzene	0.012	
				Styrene	0.0059	
SBL0070	F3	25	VOCs	All Analytes	ND	
		35	VOCs	All Analytes	ND	
		45	VOCs	Benzene	0.093	
		50	VOCs	All Analytes	ND	
SBL0071	F3	37.5	VOCs	Benzene	0.013	
				Ethylbenzene	0.08	
		51.5	VOCs	Benzene	0.056	
SBL0073	F3	39	VOCs	All Analytes	ND	
		49	VOCs	All Analytes	ND	
SBL0075	I4	27	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	

**TABLE 18**  
**SUMMARY OF DETECTED COMPOUNDS AT DEEP SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0075	I4	27	Pesticides & PCBs	All Analytes	ND	
			Metals	Al	25,000	
				As	2.7	
				Ba	140	
				Be	0.57	
				Ca	29,000	
				Cd	4	
				Co	12	
				Cr	22	
				Cu	32	
		40	VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
			Pesticides & PCBs	All Analytes	ND	
			Metals	Al	22,000	
				As	3.1	
				Ba	640	
				Be	0.52	
				Ca	7,200	
				Cd	3.4	
				Co	19	
		50	VOCs	Benzene	0.93	Residential PRG(0.60)
			SVOCs/PAHs	All Analytes	ND	
			VOCs	All Analytes	ND	
			SVOCs/PAHs	All Analytes	ND	
			VOCs	1,2-Dichlorobenzene	0.69	
				1,3-Dichlorobenzene	2.1	
				Benzene	0.45	
SBL0086	F3	40.5	VOCs	Benzene	0.46	
SBL0087	F3	34	VOCs	Benzene	0.46	
SBL0088	F3	26.5	VOCs	Benzene	0.86	Residential PRG(0.60)
				Styrene	0.33	
				Toluene	0.27	
SBL0089	F3	35	VOCs	Benzene	6.9	Residential PRG(0.60)

**TABLE 18**  
**SUMMARY OF DETECTED COMPOUNDS AT DEEP SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
SBL0089	F3	35	VOCs	Ethylbenzene Styrene Toluene	0.13 0.91 1	
SBL0090	F3	35	VOCs	Benzene Styrene Toluene	2.5 0.45 0.4	Residential PRG(0.60)
SBL0091	F3	44	VOCs	Benzene Styrene Toluene	5.1 0.63 0.57	Residential PRG(0.60)
		44.5	VOCs	Benzene Styrene Toluene	3.6 0.45 0.34	Residential PRG(0.60)
	F3	24.5	VOCs	All Analytes	ND	
		25	VOCs	All Analytes	ND	
SBL0093	F3	36	VOCs	Benzene	0.65	Residential PRG(0.60)
SBL0094	F3	32	VOCs	Benzene	0.14	
		39.5	VOCs	Benzene Ethylbenzene Styrene Toluene	0.66 0.0053 0.025 0.04	Residential PRG(0.60)
SBL0109	I4	27.5	VOCs	Methylene chloride	0.0079	
			SVOCs/PAHs	All Analytes	ND	
		39.5	VOCs	Methylene chloride	0.0058	
			SVOCs/PAHs	All Analytes	ND	
		51.5	VOCs	Benzene	0.014	
			SVOCs/PAHs	All Analytes	ND	
SBL0123	H9	28	VOCs	1,2,4-Trimethylbenzene	3.3	
				Benzene	39	Residential PRG(0.60)
				Ethylbenzene	14	Residential PRG(8.9)
				Naphthalene	3.3	
				Styrene	11	
				Toluene	68	
				Xylenes (Total)	32	
			SVOCs/PAHs	Dimethylphthalate	10	
				Naphthalene	3	
				Phenanthrene	19	
				Pyrene	3.5	
SBL0124	I8	16.5	VOCs	Benzene	20	Residential PRG(0.60)
			SVOCs/PAHs	Di-n-butylphthalate	0.31	
				Phenol	2	
SBL0259	G5	16	VOCs	Benzene	6.1	Residential PRG(0.60)
			SVOCs/PAHs	All Analytes	ND	
SBL0335	G9	15.5	SVOCs/PAHs	2-Methylnaphthalene	0.00052	
XDWP-01	I8	40	VOCs	Benzene Toluene	5.5 0.14	Residential PRG(0.60)
XDWP-02	I8	45	VOCs	Benzene	5.5	Residential PRG(0.60)
XDWP-03	I8	40	VOCs	Benzene Toluene	3.4 0.15	Residential PRG(0.60)
		40.1	VOCs	All Analytes	ND	
XDWP-04	I8	40	VOCs	Benzene Toluene	3.7 0.13	Residential PRG(0.60)

**TABLE 18**  
**SUMMARY OF DETECTED COMPOUNDS AT DEEP SOIL SAMPLING LOCATIONS**

Boring ID	Grid Location	Sample Depth (ft. bgs)	Analyte Class	Analyte	Concentration (mg/kg)	Soil Screening Criteria Exceeded
XDWP-06	I9	35	VOCs	Toluene	0.19	
XDWP-07	I8	45	VOCs	Benzene	55	Residential PRG(0.60)
XDWP-08	I8	45	VOCs	Benzene	33	Residential PRG(0.60)
XDWP-09	I7	30	VOCs	Benzene	31	Residential PRG(0.60)
		40	VOCs	Benzene	3.6	Residential PRG(0.60)
XDWP-10	I7	30	VOCs	All Analytes	ND	
XDWP-11	I7	50	VOCs	Benzene	64	Residential PRG(0.60)
XDWP-12	I8	50	VOCs	Benzene	910	Residential PRG(0.60)
XDWP-14	I9	40	VOCs	Toluene	0.85	
XDWP-15	I8	30	VOCs	Benzene	14	Residential PRG(0.60)
XDWP-16	I8	25	VOCs	Benzene	7.9	Residential PRG(0.60)
XMW-02HD	I8	30	VOCs	Benzene	1.9	Residential PRG(0.60)
				Ethylbenzene	13	Residential PRG(8.9)
				Toluene	11	
				Xylenes (Total)	78	
		40	VOCs	Benzene	0.061	
				Toluene	0.037	
		45	VOCs	Benzene	1.8	Residential PRG(0.60)
				Toluene	0.41	
XMW-03HD	I8	30	VOCs	Benzene	0.14	
		40	VOCs	All Analytes	ND	
XMW-04HD	I8	35	VOCs	All Analytes	ND	
		40	VOCs	All Analytes	ND	

**Note:**

Each boring ID identified in table can be found on Figure 18 at the specified grid coordinates.

**TABLE 19**  
**STATISTICAL SUMMARY OF DEEP SOIL DATA**

Compound Class	Compound	Times Analyzed	Detection Frequency (%)	Concentration Range Frequency (% by mg/kg)					Max. Conc. (mg/kg)	Screening Criteria (mg/kg)	Number/Frequency (%) of Screening Criteria Exceedences
				ND - 0.5	>0.5 - 1	>1-10	>10-100	>100			
VOCs	Benzene	118	42.4	69.5	5.1	16.9	6.8	1.7	2,500	0.60	36/30.5
	Ethylbenzene	116	6.9	97.4	0.0	0.9	1.7	0.0	14	8.9	2/1.7
	1,2,4-Trimethylbenzene	29	3.4	96.6	0.0	3.4	0.0	0.0	3.3	52	0/0.0
	1,2-Dichlorobenzene	103	1.0	99.0	1.0	0.0	0.0	0.0	0.69	370	0/0.0
	1,3-Dichlorobenzene	103	1.0	99.0	0.0	1.0	0.0	0.0	2.1	16	0/0.0
	Methyl Ethyl Ketone	70	1.4	100.0	0.0	0.0	0.0	0.0	0.11	7,300	0/0.0
	Methylene chloride	68	2.9	100.0	0.0	0.0	0.0	0.0	0.0079	9.1	0/0.0
	Naphthalene	72	2.8	98.6	0.0	1.4	0.0	0.0	3.3	190	0/0.0
	Styrene	70	12.9	94.3	4.3	0.0	1.4	0.0	11	1,700	0/0.0
	Toluene	117	15.4	94.9	2.6	0.0	1.7	0.9	160	520	0/0.0
SVOCs/PAHs	Xylenes (Total)	100	2.0	98.0	0.0	0.0	2.0	0.0	78	270	0/0.0
	2-Methylnaphthalene	39	2.6	100.0	0.0	0.0	0.0	0.0	0.0005	190	0/0.0
	Di-n-butylphthalate	37	2.7	100.0	0.0	0.0	0.0	0.0	0.31	6,100	0/0.0
	Dimethylphthalate	37	2.7	97.3	0.0	2.7	0.0	0.0	10	100,000	0/0.0
	Phenanthrene	39	2.6	97.4	0.0	0.0	2.6	0.0	19	29,000	0/0.0
	Phenol	36	5.6	94.4	2.8	2.8	0.0	0.0	2	37,000	0/0.0
Pest./PCBs	Pyrene	39	2.6	97.4	0.0	2.6	0.0	0.0	3.5	29,000	0/0.0
	4,4'-DDT	11	9.1	100.0	0.0	0.0	0.0	0.0	0.0027	1.7	0/0.0
Metals	Mn	12	100.0	0.0	0.0	0.0	0.0	100.0	2,700	1,800	1/8.3
	Al	12	100.0	0.0	0.0	0.0	0.0	100.0	25,000	76,000	0/0.0
	As	12	100.0	0.0	0.0	100.0	0.0	0.0	3.3	10	0/0.0
	Ba	12	100.0	0.0	0.0	0.0	8.3	91.7	640	5,400	0/0.0
	Be	12	100.0	50.0	50.0	0.0	0.0	0.0	0.64	150	0/0.0
	Ca	12	100.0	0.0	0.0	0.0	0.0	100.0	31,000	None	Not Applicable
	Cd	12	100.0	0.0	0.0	66.7	33.3	0.0	19	37	0/0.0
	Co	12	100.0	0.0	0.0	33.3	66.7	0.0	19	900	0/0.0
	Cr	12	100.0	0.0	0.0	0.0	100.0	0.0	22	210	0/0.0
	Cu	12	100.0	0.0	0.0	0.0	100.0	0.0	33	3,100	0/0.0
	Fe	12	100.0	0.0	0.0	0.0	0.0	100.0	35,000	43,000	0/0.0
	Hg	12	8.3	100.0	0.0	0.0	0.0	0.0	0.11	23	0/0.0
	K	12	100.0	0.0	0.0	0.0	0.0	100.0	5,000	None	Not Applicable
	Mg	12	100.0	0.0	0.0	0.0	0.0	100.0	13,000	None	Not Applicable
	Na	12	83.3	16.7	0.0	0.0	0.0	83.3	1,200	None	Not Applicable
	Ni	12	100.0	0.0	0.0	16.7	83.3	0.0	17	1,600	0/0.0
	Pb	12	75.0	25.0	0.0	66.7	8.3	0.0	17	150	0/0.0
	V	12	100.0	0.0	0.0	0.0	100.0	0.0	54	550	0/0.0
	Zn	12	100.0	0.0	0.0	0.0	100.0	0.0	71	23,000	0/0.0

**TABLE 19**  
**STATISTICAL SUMMARY OF DEEP SOIL DATA**

Compound Class	Compound	Times Analyzed	Detection Frequency (%)	Concentration Range Frequency (% by mg/kg)					Max. Conc. (mg/kg)	Screening Criteria (mg/kg)	Number/Frequency (%) of Screening Criteria Exceedences
				ND - 0.5	>0.5 - 1	>1-10	>10-100	>100			
Cyanide	Cyanide	11	0.0	100.0	0.0	0.0	0.0	0.0	-	1,200	0/0.0

**Note:**

Deep soil screening criteria are identified in Table 10 and discussed in Section 5.0 of the report.

Bolded compounds were detected at concentrations in excess of screening criteria at one or more locations.

**TABLE 20**  
**STATISTICAL SUMMARY OF INDOOR AIR MONITORING DATA**

Parcel	Location (Indoor/Outdoor)	Detected VOCs	Detections/ Results	Concentration Range Frequency (% occurrence by ug/m3 range)				Maximum Detected Concentration (ug/m3)	Screening Criteria (ug/m3)			Screening Criteria Exceedence Frequency (%)		
				ND - 1	>1-10	>10-100	>100		PRG	PEL/20	PEL	PRG	PEL/20	PEL
7351-031-007	IN	Ethylbenzene	13/13	0.0	69.2	30.8	0.0	18	1.7	21,800	435,000	100.0	0.0	0.0
		Methylene chloride	9/13	46.2	38.5	15.4	0.0	18	4.1	4,350	87,000	30.8	0.0	0.0
		Benzene	9/13	30.8	38.5	30.8	0.0	96	0.23	160,000	3,190,000	69.2	0.0	0.0
		Trichloroethene	9/13	38.5	61.5	0.0	0.0	8	0.017	6,750	135,000	69.2	0.0	0.0
		Tetrachloroethene	12/13	7.7	61.5	30.8	0.0	75	0.67	8,500	170,000	92.3	0.0	0.0
		1,1,1-Trichloroethane	13/13	0.0	38.5	53.8	7.7	110	2,300	95,000	1,900,000	0.0	0.0	0.0
		1,1-Dichloroethene	1/13	92.3	7.7	0.0	0.0	2.4	210	200	4,000	0.0	0.0	0.0
		Cyclohexane	3/13	76.9	15.4	7.7	0.0	19	21,000	52,500	1,050,000	0.0	0.0	0.0
		Methyl Ethyl Ketone	13/13	0.0	53.8	38.5	7.7	650	1,000	29,500	590,000	0.0	0.0	0.0
		Styrene	12/13	7.7	15.4	76.9	0.0	34	1,100	10,800	215,000	0.0	0.0	0.0
		Toluene	13/13	0.0	0.0	92.3	7.7	180	400	9,400	188,000	0.0	0.0	0.0
		Xylenes (Total)	11/13	15.4	7.7	76.9	0.0	89	110	21,800	435,000	0.0	0.0	0.0
	OUT	Benzene	2/3	33.3	66.7	0.0	0.0	7.7	0.23	160,000	3,190,000	66.7	0.0	0.0
		Ethylbenzene	2/3	33.3	66.7	0.0	0.0	6.1	1.7	21,800	435,000	66.7	0.0	0.0
		Tetrachloroethene	2/3	33.3	33.3	33.3	0.0	12	0.67	8,500	170,000	66.7	0.0	0.0
		1,1,1-Trichloroethane	3/3	0.0	100.0	0.0	0.0	7.1	2,300	95,000	1,900,000	0.0	0.0	0.0
		1,1-Dichloroethene	0/3	100.0	0.0	0.0	0.0		210	200	4,000	0.0	0.0	0.0
		Cyclohexane	1/3	66.7	33.3	0.0	0.0	6.9	21,000	52,500	1,050,000	0.0	0.0	0.0
		Methyl Ethyl Ketone	3/3	0.0	100.0	0.0	0.0	8.6	1,000	29,500	590,000	0.0	0.0	0.0
		Methylene chloride	1/3	66.7	33.3	0.0	0.0	1.3	4.1	4,350	87,000	0.0	0.0	0.0
		Styrene	3/3	0.0	100.0	0.0	0.0	4.7	1,100	10,800	215,000	0.0	0.0	0.0
		Toluene	2/3	33.3	0.0	66.7	0.0	19	400	9,400	188,000	0.0	0.0	0.0
		Trichloroethene	0/3	100.0	0.0	0.0	0.0		0.017	6,750	135,000	0.0	0.0	0.0
		Xylenes (Total)	2/3	33.3	0.0	66.7	0.0	45	110	21,800	435,000	0.0	0.0	0.0
7351-031-020	IN	Benzene	15/15	0.0	53.3	46.7	0.0	18	0.23	160,000	3,190,000	100.0	0.0	0.0
		Ethylbenzene	15/15	0.0	13.3	86.7	0.0	39	1.7	21,800	435,000	100.0	0.0	0.0
		Trichloroethene	3/15	80.0	20.0	0.0	0.0	8	0.017	6,750	135,000	20.0	0.0	0.0
		Xylenes (Total)	15/15	0.0	0.0	60.0	40.0	180	110	21,800	435,000	33.3	0.0	0.0
		Tetrachloroethene	10/15	33.3	66.7	0.0	0.0	8.1	0.67	8,500	170,000	66.7	0.0	0.0
		Methylene chloride	15/15	0.0	40.0	60.0	0.0	42	4.1	4,350	87,000	93.3	0.0	0.0
		1,1,1-Trichloroethane	15/15	0.0	0.0	26.7	73.3	1,000	2,300	95,000	1,900,000	0.0	0.0	0.0
		Cyclohexane	7/15	53.3	13.3	33.3	0.0	14	21,000	52,500	1,050,000	0.0	0.0	0.0
		Methyl Ethyl Ketone	11/15	26.7	33.3	40.0	0.0	77	1,000	29,500	590,000	0.0	0.0	0.0
		Styrene	12/15	20.0	80.0	0.0	0.0	8.9	1,100	10,800	215,000	0.0	0.0	0.0
		Toluene	15/15	0.0	0.0	100.0	0.0	57	400	9,400	188,000	0.0	0.0	0.0
	OUT	Benzene	3/3	0.0	66.7	33.3	0.0	11	0.23	160,000	3,190,000	100.0	0.0	0.0

**TABLE 20**  
**STATISTICAL SUMMARY OF INDOOR AIR MONITORING DATA**

Parcel	Location (Indoor/Outdoor)	Detected VOCs	Detections/ Results	Concentration Range Frequency (% occurrence by ug/m3 range)				Maximum Detected Concentration (ug/m3)	Screening Criteria (ug/m3)			Screening Criteria Exceedence Frequency (%)		
				ND - 1	>1-10	>10-100	>100		PRG	PEL/20	PEL	PRG	PEL/20	PEL
7351-031-020	OUT	Ethylbenzene	2/3	33.3	66.7	0.0	0.0	7.4	1.7	21,800	435,000	66.7	0.0	0.0
		Tetrachloroethene	2/3	33.3	66.7	0.0	0.0	5.9	0.67	8,500	170,000	66.7	0.0	0.0
		1,1,1-Trichloroethane	2/3	33.3	0.0	66.7	0.0	13	2,300	95,000	1,900,000	0.0	0.0	0.0
		Cyclohexane	1/3	66.7	33.3	0.0	0.0	10	21,000	52,500	1,050,000	0.0	0.0	0.0
		Methyl Ethyl Ketone	2/3	33.3	66.7	0.0	0.0	8	1,000	29,500	590,000	0.0	0.0	0.0
		Methylene chloride	2/3	33.3	66.7	0.0	0.0	2.6	4.1	4,350	87,000	0.0	0.0	0.0
		Styrene	2/3	33.3	66.7	0.0	0.0	5.1	1,100	10,800	215,000	0.0	0.0	0.0
		Toluene	3/3	0.0	33.3	66.7	0.0	36	400	9,400	188,000	0.0	0.0	0.0
		Trichloroethene	0/3	100.0	0.0	0.0	0.0		0.017	6,750	135,000	0.0	0.0	0.0
		Xylenes (Total)	3/3	0.0	33.3	66.7	0.0	36	110	21,800	435,000	0.0	0.0	0.0
7351-033-017	IN	Benzene	12/12	0.0	50.0	50.0	0.0	35	0.23	160,000	3,190,000	100.0	0.0	0.0
		Trichloroethene	3/12	75.0	25.0	0.0	0.0	1.3	0.017	6,750	135,000	25.0	0.0	0.0
		Methylene chloride	7/12	41.7	58.3	0.0	0.0	5.2	4.1	4,350	87,000	33.3	0.0	0.0
		Tetrachloroethene	8/12	33.3	58.3	8.3	0.0	37	0.67	8,500	170,000	66.7	0.0	0.0
		Ethylbenzene	9/12	25.0	33.3	41.7	0.0	20	1.7	21,800	435,000	75.0	0.0	0.0
		1,1,1-Trichloroethane	8/12	33.3	25.0	41.7	0.0	21	2,300	95,000	1,900,000	0.0	0.0	0.0
		Chloroform	0/12	100.0	0.0	0.0	0.0		0.35	489	9,780	0.0	0.0	0.0
		Cyclohexane	8/12	33.3	8.3	50.0	8.3	210	21,000	52,500	1,050,000	0.0	0.0	0.0
		Methyl Ethyl Ketone	7/12	41.7	25.0	33.3	0.0	22	1,000	29,500	590,000	0.0	0.0	0.0
		Styrene	8/12	33.3	58.3	8.3	0.0	11	1,100	10,800	215,000	0.0	0.0	0.0
	OUT	Toluene	12/12	0.0	25.0	75.0	0.0	91	400	9,400	188,000	0.0	0.0	0.0
		Xylenes (Total)	10/12	16.7	8.3	66.7	8.3	110	110	21,800	435,000	0.0	0.0	0.0
		Benzene	4/4	0.0	75.0	25.0	0.0	17	0.23	160,000	3,190,000	100.0	0.0	0.0
		Chloroform	1/4	75.0	25.0	0.0	0.0	1.2	0.35	489	9,780	25.0	0.0	0.0
		Methylene chloride	2/4	50.0	50.0	0.0	0.0	5.2	4.1	4,350	87,000	25.0	0.0	0.0
		Trichloroethene	1/4	75.0	25.0	0.0	0.0	1.1	0.017	6,750	135,000	25.0	0.0	0.0
		Ethylbenzene	3/4	25.0	50.0	25.0	0.0	12	1.7	21,800	435,000	75.0	0.0	0.0
		Tetrachloroethene	3/4	25.0	75.0	0.0	0.0	9.5	0.67	8,500	170,000	75.0	0.0	0.0
		1,1,1-Trichloroethane	3/4	25.0	50.0	25.0	0.0	17	2,300	95,000	1,900,000	0.0	0.0	0.0
		Cyclohexane	3/4	25.0	50.0	25.0	0.0	17	21,000	52,500	1,050,000	0.0	0.0	0.0
		Methyl Ethyl Ketone	2/4	50.0	25.0	25.0	0.0	16	1,000	29,500	590,000	0.0	0.0	0.0
		Styrene	3/4	50.0	50.0	0.0	0.0	6	1,100	10,800	215,000	0.0	0.0	0.0
		Toluene	4/4	0.0	50.0	50.0	0.0	53	400	9,400	188,000	0.0	0.0	0.0
		Xylenes (Total)	4/4	0.0	25.0	75.0	0.0	57	110	21,800	435,000	0.0	0.0	0.0
7351-033-027	IN	Benzene	9/9	0.0	88.9	11.1	0.0	15	0.23	160,000	3,190,000	100.0	0.0	0.0
		1,1-Dichloroethane	1/9	88.9	11.1	0.0	0.0	2.6	1.2	20,000	400,000	11.1	0.0	0.0

**TABLE 20**  
**STATISTICAL SUMMARY OF INDOOR AIR MONITORING DATA**

Parcel	Location (Indoor/Outdoor)	Detected VOCs	Detections/ Results	Concentration Range Frequency (% occurrence by ug/m3 range)				Maximum Detected Concentration (ug/m3)	Screening Criteria (ug/m3)			Screening Criteria Exceedence Frequency (%)		
				ND - 1	>1-10	>10-100	>100		PRG	PEL/20	PEL	PRG	PEL/20	PEL
7351-033-027	IN	Tetrachloroethene	4/9	55.6	44.4	0.0	0.0	7.5	0.67	8,500	170,000	44.4	0.0	0.0
		Ethylbenzene	6/9	33.3	55.6	11.1	0.0	14	1.7	21,800	435,000	66.7	0.0	0.0
		1,1,1-Trichloroethane	9/9	0.0	33.3	66.7	0.0	17	2,300	95,000	1,900,000	0.0	0.0	0.0
		Cyclohexane	2/9	77.8	0.0	22.2	0.0	18	21,000	52,500	1,050,000	0.0	0.0	0.0
		Methyl Ethyl Ketone	5/9	44.4	55.6	0.0	0.0	10	1,000	29,500	590,000	0.0	0.0	0.0
		Methylene chloride	2/9	77.8	22.2	0.0	0.0	1.3	4.1	4,350	87,000	0.0	0.0	0.0
		Styrene	6/9	33.3	66.7	0.0	0.0	6	1,100	10,800	215,000	0.0	0.0	0.0
		Toluene	9/9	0.0	44.4	55.6	0.0	45	400	9,400	188,000	0.0	0.0	0.0
		Trichloroethene	0/9	100.0	0.0	0.0	0.0		0.017	6,750	135,000	0.0	0.0	0.0
		Xylenes (Total)	9/9	0.0	33.3	66.7	0.0	73	110	21,800	435,000	0.0	0.0	0.0
	OUT	Benzene	3/3	0.0	100.0	0.0	0.0	6.7	0.23	160,000	3,190,000	100.0	0.0	0.0
		Ethylbenzene	3/3	0.0	66.7	33.3	0.0	14	1.7	21,800	435,000	100.0	0.0	0.0
		Tetrachloroethene	1/3	66.7	33.3	0.0	0.0	5.9	0.67	8,500	170,000	33.3	0.0	0.0
		Trichloroethene	1/3	66.7	33.3	0.0	0.0	5.4	0.017	6,750	135,000	33.3	0.0	0.0
		1,1,1-Trichloroethane	2/3	33.3	66.7	0.0	0.0	7.6	2,300	95,000	1,900,000	0.0	0.0	0.0
		1,1-Dichloroethane	0/3	100.0	0.0	0.0	0.0		1.2	20,000	400,000	0.0	0.0	0.0
		Cyclohexane	1/3	66.7	33.3	0.0	0.0	6.9	21,000	52,500	1,050,000	0.0	0.0	0.0
		Methyl Ethyl Ketone	1/3	66.7	0.0	33.3	0.0	12	1,000	29,500	590,000	0.0	0.0	0.0
		Methylene chloride	0/3	100.0	0.0	0.0	0.0		4.1	4,350	87,000	0.0	0.0	0.0
		Styrene	1/3	66.7	33.3	0.0	0.0	4.2	1,100	10,800	215,000	0.0	0.0	0.0
7351-034-15, -050,-056	IN	Toluene	3/3	0.0	33.3	66.7	0.0	42	400	9,400	188,000	0.0	0.0	0.0
		Xylenes (Total)	3/3	0.0	33.3	66.7	0.0	69	110	21,800	435,000	0.0	0.0	0.0
		Benzene	12/12	0.0	100.0	0.0	0.0	7.3	0.23	160,000	3,190,000	100.0	0.0	0.0
		Ethylbenzene	12/12	0.0	91.7	8.3	0.0	13	1.7	21,800	435,000	100.0	0.0	0.0
		Trichloroethene	2/12	83.3	0.0	16.7	0.0	54	0.017	6,750	135,000	16.7	0.0	0.0
		Methylene chloride	7/12	41.7	50.0	8.3	0.0	14	4.1	4,350	87,000	25.0	0.0	0.0
		Tetrachloroethene	9/12	25.0	75.0	0.0	0.0	8.1	0.67	8,500	170,000	75.0	0.0	0.0
		1,1,1-Trichloroethane	12/12	0.0	33.3	66.7	0.0	21	2,300	95,000	1,900,000	0.0	0.0	0.0
		Chlorobenzene	2/12	83.3	16.7	0.0	0.0	3.7	62	2,300	46,000	0.0	0.0	0.0
		Cyclohexane	6/12	50.0	33.3	16.7	0.0	41	21,000	52,500	1,050,000	0.0	0.0	0.0
		Methyl Ethyl Ketone	9/12	25.0	66.7	8.3	0.0	11	1,000	29,500	590,000	0.0	0.0	0.0
		Styrene	10/12	16.7	83.3	0.0	0.0	9.4	1,100	10,800	215,000	0.0	0.0	0.0
		Toluene	12/12	0.0	0.0	100.0	0.0	72	400	9,400	188,000	0.0	0.0	0.0
		Xylenes (Total)	12/12	0.0	0.0	100.0	0.0	64	110	21,800	435,000	0.0	0.0	0.0
	OUT	Benzene	2/3	33.3	66.7	0.0	0.0	5.7	0.23	160,000	3,190,000	66.7	0.0	0.0
		Ethylbenzene	3/3	0.0	100.0	0.0	0.0	5.2	1.7	21,800	435,000	66.7	0.0	0.0

**TABLE 20**  
**STATISTICAL SUMMARY OF INDOOR AIR MONITORING DATA**

Parcel	Location (Indoor/Outdoor)	Detected VOCs	Detections/ Results	Concentration Range Frequency (% occurrence by ug/m3 range)				Maximum Detected Concentration (ug/m3)	Screening Criteria (ug/m3)			Screening Criteria Exceedence Frequency (%)		
				ND - 1	>1-10	>10-100	>100		PRG	PEL/20	PEL	PRG	PEL/20	PEL
7351-034-15, -050,-056	OUT	Tetrachloroethene	2/3	33.3	66.7	0.0	0.0	3.3	0.67	8,500	170,000	66.7	0.0	0.0
		1,1,1-Trichloroethane	3/3	0.0	66.7	33.3	0.0	11	2,300	95,000	1,900,000	0.0	0.0	0.0
		Chlorobenzene	0/3	100.0	0.0	0.0	0.0		62	2,300	46,000	0.0	0.0	0.0
		Cyclohexane	0/3	100.0	0.0	0.0	0.0		21,000	52,500	1,050,000	0.0	0.0	0.0
		Methyl Ethyl Ketone	2/3	33.3	66.7	0.0	0.0	5.9	1,000	29,500	590,000	0.0	0.0	0.0
		Methylene chloride	2/3	33.3	66.7	0.0	0.0	3.2	4.1	4,350	87,000	0.0	0.0	0.0
		Styrene	3/3	0.0	100.0	0.0	0.0	6	1,100	10,800	215,000	0.0	0.0	0.0
		Toluene	3/3	0.0	33.3	66.7	0.0	19	400	9,400	188,000	0.0	0.0	0.0
		Trichloroethene	0/3	100.0	0.0	0.0	0.0		0.017	6,750	135,000	0.0	0.0	0.0
		Xylenes (Total)	3/3	0.0	33.3	66.7	0.0	26	110	21,800	435,000	0.0	0.0	0.0
7351-034-039	IN	Benzene	6/6	0.0	66.7	33.3	0.0	16	0.23	160,000	3,190,000	100.0	0.0	0.0
		Ethylbenzene	6/6	0.0	100.0	0.0	0.0	9.1	1.7	21,800	435,000	100.0	0.0	0.0
		Trichloroethene	1/6	83.3	16.7	0.0	0.0	1.5	0.017	6,750	135,000	16.7	0.0	0.0
		Tetrachloroethene	3/6	50.0	50.0	0.0	0.0	7.5	0.67	8,500	170,000	50.0	0.0	0.0
		1,1,1-Trichloroethane	6/6	0.0	0.0	50.0	50.0	270	2,300	95,000	1,900,000	0.0	0.0	0.0
		Methyl Ethyl Ketone	3/6	50.0	0.0	50.0	0.0	25	1,000	29,500	590,000	0.0	0.0	0.0
		Styrene	5/6	16.7	83.3	0.0	0.0	6.8	1,100	10,800	215,000	0.0	0.0	0.0
		Toluene	6/6	0.0	50.0	50.0	0.0	45	400	9,400	188,000	0.0	0.0	0.0
		Xylenes (Total)	6/6	0.0	50.0	50.0	0.0	47	110	21,800	435,000	0.0	0.0	0.0
	OUT	Benzene	2/2	0.0	100.0	0.0	0.0	5.7	0.23	160,000	3,190,000	100.0	0.0	0.0
		Ethylbenzene	2/2	0.0	100.0	0.0	0.0	4.2	1.7	21,800	435,000	100.0	0.0	0.0
		Tetrachloroethene	1/2	50.0	50.0	0.0	0.0	3.5	0.67	8,500	170,000	50.0	0.0	0.0
		1,1,1-Trichloroethane	2/2	0.0	50.0	50.0	0.0	16	2,300	95,000	1,900,000	0.0	0.0	0.0
		Methyl Ethyl Ketone	1/2	50.0	50.0	0.0	0.0	5.9	1,000	29,500	590,000	0.0	0.0	0.0
		Styrene	2/2	0.0	100.0	0.0	0.0	4.7	1,100	10,800	215,000	0.0	0.0	0.0
		Toluene	2/2	0.0	0.0	100.0	0.0	23	400	9,400	188,000	0.0	0.0	0.0
		Trichloroethene	0/2	100.0	0.0	0.0	0.0		0.017	6,750	135,000	0.0	0.0	0.0
		Xylenes (Total)	2/2	0.0	0.0	100.0	0.0	21	110	21,800	435,000	0.0	0.0	0.0
7351-034-041	IN	Benzene	9/9	0.0	33.3	66.7	0.0	35	0.23	160,000	3,190,000	100.0	0.0	0.0
		Ethylbenzene	9/9	0.0	55.6	44.4	0.0	21	1.7	21,800	435,000	100.0	0.0	0.0
		Chloroform	1/9	88.9	11.1	0.0	0.0	3.9	0.35	489	9,780	11.1	0.0	0.0
		Methylene chloride	6/9	33.3	66.7	0.0	0.0	8.3	4.1	4,350	87,000	33.3	0.0	0.0
		Tetrachloroethene	7/9	22.2	44.4	33.3	0.0	30	0.67	8,500	170,000	77.8	0.0	0.0
		Trichloroethene	8/9	11.1	88.9	0.0	0.0	5.9	0.017	6,750	135,000	88.9	0.0	0.0
		1,1,1-Trichloroethane	9/9	0.0	11.1	88.9	0.0	92	2,300	95,000	1,900,000	0.0	0.0	0.0
		Cyclohexane	8/9	11.1	33.3	55.6	0.0	21	21,000	52,500	1,050,000	0.0	0.0	0.0

**TABLE 20**  
**STATISTICAL SUMMARY OF INDOOR AIR MONITORING DATA**

Parcel	Location (Indoor/Outdoor)	Detected VOCs	Detections/ Results	Concentration Range Frequency (% occurrence by ug/m3 range)				Maximum Detected Concentration (ug/m3)	Screening Criteria (ug/m3)			Screening Criteria Exceedence Frequency (%)		
				ND - 1	>1-10	>10-100	>100		PRG	PEL/20	PEL	PRG	PEL/20	PEL
7351-034-041	IN	Methyl Ethyl Ketone	7/9	22.2	11.1	66.7	0.0	74	1,000	29,500	590,000	0.0	0.0	0.0
		Styrene	8/9	11.1	66.7	22.2	0.0	12	1,100	10,800	215,000	0.0	0.0	0.0
		Toluene	9/9	0.0	11.1	55.6	33.3	250	400	9,400	188,000	0.0	0.0	0.0
		Xylenes (Total)	9/9	0.0	0.0	100.0	0.0	100	110	21,800	435,000	0.0	0.0	0.0
	OUT	Benzene	3/3	0.0	66.7	33.3	0.0	14	0.23	160,000	3,190,000	100.0	0.0	0.0
		Ethylbenzene	3/3	0.0	66.7	33.3	0.0	12	1.7	21,800	435,000	100.0	0.0	0.0
		Tetrachloroethene	3/3	0.0	100.0	0.0	0.0	8.8	0.67	8,500	170,000	100.0	0.0	0.0
		Methylene chloride	1/3	66.7	33.3	0.0	0.0	7.6	4.1	4,350	87,000	33.3	0.0	0.0
		Trichloroethene	1/3	66.7	33.3	0.0	0.0	2.3	0.017	6,750	135,000	33.3	0.0	0.0
		1,1,1-Trichloroethane	3/3	0.0	0.0	100.0	0.0	48	2,300	95,000	1,900,000	0.0	0.0	0.0
		Chloroform	0/3	100.0	0.0	0.0	0.0		0.35	489	9,780	0.0	0.0	0.0
		Cyclohexane	2/3	33.3	0.0	66.7	0.0	19	21,000	52,500	1,050,000	0.0	0.0	0.0
		Methyl Ethyl Ketone	3/3	0.0	0.0	100.0	0.0	20	1,000	29,500	590,000	0.0	0.0	0.0
		Styrene	3/3	0.0	100.0	0.0	0.0	5.5	1,100	10,800	215,000	0.0	0.0	0.0
7351-034-043	IN	Toluene	3/3	0.0	0.0	100.0	0.0	53	400	9,400	188,000	0.0	0.0	0.0
		Xylenes (Total)	3/3	0.0	0.0	100.0	0.0	54	110	21,800	435,000	0.0	0.0	0.0
		Ethylbenzene	9/9	0.0	88.9	11.1	0.0	33	1.7	21,800	435,000	100.0	0.0	0.0
		Tetrachloroethene	9/9	0.0	88.9	11.1	0.0	11	0.67	8,500	170,000	100.0	0.0	0.0
		Chloroform	1/9	88.9	11.1	0.0	0.0	1.5	0.35	489	9,780	11.1	0.0	0.0
		Xylenes (Total)	9/9	0.0	0.0	88.9	11.1	130	110	21,800	435,000	11.1	0.0	0.0
		Methylene chloride	5/9	44.4	22.2	33.3	0.0	15	4.1	4,350	87,000	33.3	0.0	0.0
		Benzene	8/9	11.1	33.3	55.6	0.0	54	0.23	160,000	3,190,000	88.9	0.0	0.0
		1,1,1-Trichloroethane	9/9	0.0	0.0	22.2	77.8	980	2,300	95,000	1,900,000	0.0	0.0	0.0
		Cyclohexane	3/9	66.7	22.2	11.1	0.0	11	21,000	52,500	1,050,000	0.0	0.0	0.0
	OUT	Methyl Ethyl Ketone	9/9	0.0	0.0	11.1	88.9	680	1,000	29,500	590,000	0.0	0.0	0.0
		Styrene	8/9	11.1	88.9	0.0	0.0	3.9	1,100	10,800	215,000	0.0	0.0	0.0
		Toluene	9/9	0.0	0.0	88.9	11.1	170	400	9,400	188,000	0.0	0.0	0.0
		Ethylbenzene	3/3	0.0	100.0	0.0	0.0	7.8	1.7	21,800	435,000	100.0	0.0	0.0
		Benzene	2/3	33.3	33.3	33.3	0.0	12	0.23	160,000	3,190,000	66.7	0.0	0.0
		Tetrachloroethene	2/3	33.3	66.7	0.0	0.0	5.2	0.67	8,500	170,000	66.7	0.0	0.0
		1,1,1-Trichloroethane	3/3	0.0	0.0	100.0	0.0	92	2,300	95,000	1,900,000	0.0	0.0	0.0
		Chloroform	0/3	100.0	0.0	0.0	0.0		0.35	489	9,780	0.0	0.0	0.0
		Cyclohexane	0/3	100.0	0.0	0.0	0.0		21,000	52,500	1,050,000	0.0	0.0	0.0
		Methyl Ethyl Ketone	3/3	0.0	0.0	100.0	0.0	38	1,000	29,500	590,000	0.0	0.0	0.0
		Methylene chloride	1/3	66.7	33.3	0.0	0.0	2.2	4.1	4,350	87,000	0.0	0.0	0.0
		Styrene	2/3	33.3	66.7	0.0	0.0	2.9	1,100	10,800	215,000	0.0	0.0	0.0

**TABLE 20**  
**STATISTICAL SUMMARY OF INDOOR AIR MONITORING DATA**

Parcel	Location (Indoor/Outdoor)	Detected VOCs	Detections/ Results	Concentration Range Frequency (% occurrence by ug/m3 range)				Maximum Detected Concentration (ug/m3)	Screening Criteria (ug/m3)			Screening Criteria Exceedence Frequency (%)		
				ND - 1	>1-10	>10-100	>100		PRG	PEL/20	PEL	PRG	PEL/20	PEL
7351-034-043	OUT	Toluene	3/3	0.0	33.3	66.7	0.0	37	400	9,400	188,000	0.0	0.0	0.0
		Xylenes (Total)	3/3	0.0	0.0	100.0	0.0	40	110	21,800	435,000	0.0	0.0	0.0
7351-034-047	IN	Benzene	9/9	0.0	66.7	33.3	0.0	18	0.23	160,000	3,190,000	100.0	0.0	0.0
		Ethylbenzene	9/9	0.0	66.7	33.3	0.0	13	1.7	21,800	435,000	100.0	0.0	0.0
		Trichloroethene	2/9	77.8	11.1	11.1	0.0	31	0.017	6,750	135,000	22.2	0.0	0.0
		Methylene chloride	6/9	33.3	66.7	0.0	0.0	7.3	4.1	4,350	87,000	66.7	0.0	0.0
		Tetrachloroethene	6/9	33.3	55.6	11.1	0.0	11	0.67	8,500	170,000	66.7	0.0	0.0
		1,1,1-Trichloroethane	9/9	0.0	0.0	77.8	22.2	110	2,300	95,000	1,900,000	0.0	0.0	0.0
		Cyclohexane	5/9	44.4	0.0	55.6	0.0	48	21,000	52,500	1,050,000	0.0	0.0	0.0
		Methyl Ethyl Ketone	6/9	33.3	0.0	66.7	0.0	18	1,000	29,500	590,000	0.0	0.0	0.0
		Styrene	7/9	22.2	77.8	0.0	0.0	4.7	1,100	10,800	215,000	0.0	0.0	0.0
		Toluene	9/9	0.0	0.0	100.0	0.0	76	400	9,400	188,000	0.0	0.0	0.0
	OUT	Xylenes (Total)	9/9	0.0	0.0	100.0	0.0	64	110	21,800	435,000	0.0	0.0	0.0
		Ethylbenzene	3/3	0.0	100.0	0.0	0.0	5.2	1.7	21,800	435,000	100.0	0.0	0.0
		Benzene	2/3	33.3	66.7	0.0	0.0	8.9	0.23	160,000	3,190,000	66.7	0.0	0.0
		Tetrachloroethene	2/3	33.3	66.7	0.0	0.0	3.7	0.67	8,500	170,000	66.7	0.0	0.0
		1,1,1-Trichloroethane	3/3	0.0	33.3	66.7	0.0	15	2,300	95,000	1,900,000	0.0	0.0	0.0
		Cyclohexane	1/3	66.7	33.3	0.0	0.0	10	21,000	52,500	1,050,000	0.0	0.0	0.0
		Methyl Ethyl Ketone	2/3	33.3	66.7	0.0	0.0	7.4	1,000	29,500	590,000	0.0	0.0	0.0
		Methylene chloride	1/3	66.7	33.3	0.0	0.0	2.5	4.1	4,350	87,000	0.0	0.0	0.0
		Styrene	2/3	33.3	66.7	0.0	0.0	2	1,100	10,800	215,000	0.0	0.0	0.0
		Toluene	3/3	0.0	0.0	100.0	0.0	26	400	9,400	188,000	0.0	0.0	0.0
		Trichloroethene	0/3	100.0	0.0	0.0	0.0		0.017	6,750	135,000	0.0	0.0	0.0
		Xylenes (Total)	3/3	0.0	0.0	100.0	0.0	27	110	21,800	435,000	0.0	0.0	0.0
7351-034-052	IN	Benzene	12/12	0.0	25.0	75.0	0.0	48	0.23	160,000	3,190,000	100.0	0.0	0.0
		Tetrachloroethene	12/12	0.0	58.3	41.7	0.0	16	0.67	8,500	170,000	100.0	0.0	0.0
		Methylene chloride	4/12	66.7	33.3	0.0	0.0	7	4.1	4,350	87,000	16.7	0.0	0.0
		Trichloroethene	2/12	83.3	16.7	0.0	0.0	6.4	0.017	6,750	135,000	16.7	0.0	0.0
		Xylenes (Total)	12/12	0.0	8.3	66.7	25.0	270	110	21,800	435,000	25.0	0.0	0.0
		Ethylbenzene	11/12	8.3	33.3	58.3	0.0	52	1.7	21,800	435,000	91.7	0.0	0.0
		1,1,1-Trichloroethane	12/12	0.0	33.3	66.7	0.0	30	2,300	95,000	1,900,000	0.0	0.0	0.0
		Cyclohexane	5/12	58.3	8.3	33.3	0.0	15	21,000	52,500	1,050,000	0.0	0.0	0.0
		Methyl Ethyl Ketone	4/12	66.7	25.0	8.3	0.0	14	1,000	29,500	590,000	0.0	0.0	0.0
		Styrene	6/12	50.0	50.0	0.0	0.0	3.6	1,100	10,800	215,000	0.0	0.0	0.0
		Toluene	12/12	0.0	0.0	75.0	25.0	320	400	9,400	188,000	0.0	0.0	0.0
	OUT	Benzene	3/3	0.0	100.0	0.0	0.0	7.7	0.23	160,000	3,190,000	100.0	0.0	0.0

**TABLE 20**  
**STATISTICAL SUMMARY OF INDOOR AIR MONITORING DATA**

Parcel	Location (Indoor/Outdoor)	Detected VOCs	Detections/ Results	Concentration Range Frequency (% occurrence by ug/m3 range)				Maximum Detected Concentration (ug/m3)	Screening Criteria (ug/m3)			Screening Criteria Exceedence Frequency (%)		
				ND - 1	>1-10	>10-100	>100		PRG	PEL/20	PEL	PRG	PEL/20	PEL
7351-034-052	OUT	Ethylbenzene	3/3	0.0	100.0	0.0	0.0	4.1	1.7	21,800	435,000	100.0	0.0	0.0
		Methylene chloride	1/3	66.7	33.3	0.0	0.0	6.3	4.1	4,350	87,000	33.3	0.0	0.0
		Tetrachloroethene	1/3	66.7	33.3	0.0	0.0	4	0.67	8,500	170,000	33.3	0.0	0.0
		1,1,1-Trichloroethane	3/3	0.0	33.3	66.7	0.0	14	2,300	95,000	1,900,000	0.0	0.0	0.0
		Cyclohexane	1/3	66.7	33.3	0.0	0.0	10	21,000	52,500	1,050,000	0.0	0.0	0.0
		Methyl Ethyl Ketone	0/3	100.0	0.0	0.0	0.0		1,000	29,500	590,000	0.0	0.0	0.0
		Styrene	0/3	100.0	0.0	0.0	0.0		1,100	10,800	215,000	0.0	0.0	0.0
		Toluene	3/3	0.0	0.0	100.0	0.0	22	400	9,400	188,000	0.0	0.0	0.0
		Trichloroethene	0/3	100.0	0.0	0.0	0.0		0.017	6,750	135,000	0.0	0.0	0.0
		Xylenes (Total)	3/3	0.0	33.3	66.7	0.0	20	110	21,800	435,000	0.0	0.0	0.0
7351-034-057	IN	Benzene	3/65	95.4	3.1	1.5	0.0	16	0.23	160,000	3,190,000	4.6	0.0	0.0
	OUT	Benzene	0/2	100.0	0.0	0.0	0.0		0.23	160,000	3,190,000	0.0	0.0	0.0
7351-034-066	OUT	Methylene chloride	7/12	50.0	50.0	0.0	0.0	8.7	4.1	4,350	87,000	16.7	0.0	0.0
		Trichloroethene	2/12	83.3	16.7	0.0	0.0	9.6	0.017	6,750	135,000	16.7	0.0	0.0
		Xylenes (Total)	12/12	8.3	8.3	58.3	25.0	220	110	21,800	435,000	25.0	0.0	0.0
		Tetrachloroethene	5/12	66.7	33.3	0.0	0.0	6.4	0.67	8,500	170,000	33.3	0.0	0.0
		Ethylbenzene	11/12	16.7	33.3	50.0	0.0	74	1.7	21,800	435,000	83.3	0.0	0.0
		Benzene	12/12	8.3	66.7	25.0	0.0	13	0.23	160,000	3,190,000	91.7	0.0	0.0
		1,1,1-Trichloroethane	12/12	8.3	41.7	50.0	0.0	27	2,300	95,000	1,900,000	0.0	0.0	0.0
		Cyclohexane	8/12	41.7	41.7	16.7	0.0	21	21,000	52,500	1,050,000	0.0	0.0	0.0
		Methyl Ethyl Ketone	9/12	33.3	16.7	50.0	0.0	80	1,000	29,500	590,000	0.0	0.0	0.0
		Styrene	11/12	16.7	41.7	41.7	0.0	64	1,100	10,800	215,000	0.0	0.0	0.0
		Toluene	11/12	16.7	8.3	75.0	0.0	72	400	9,400	188,000	0.0	0.0	0.0
	IN	Benzene	8/8	0.0	62.5	37.5	0.0	13	0.23	160,000	3,190,000	100.0	0.0	0.0
		Ethylbenzene	8/8	0.0	25.0	75.0	0.0	74	1.7	21,800	435,000	100.0	0.0	0.0
		Trichloroethene	1/8	87.5	12.5	0.0	0.0	9.6	0.017	6,750	135,000	12.5	0.0	0.0
		Methylene chloride	6/8	25.0	75.0	0.0	0.0	8.7	4.1	4,350	87,000	25.0	0.0	0.0
		Tetrachloroethene	3/8	62.5	37.5	0.0	0.0	6.4	0.67	8,500	170,000	37.5	0.0	0.0
		Xylenes (Total)	8/8	0.0	0.0	62.5	37.5	220	110	21,800	435,000	37.5	0.0	0.0
		1,1,1-Trichloroethane	8/8	0.0	37.5	62.5	0.0	27	2,300	95,000	1,900,000	0.0	0.0	0.0
		Cyclohexane	5/8	37.5	37.5	25.0	0.0	21	21,000	52,500	1,050,000	0.0	0.0	0.0
		Methyl Ethyl Ketone	7/8	12.5	25.0	62.5	0.0	80	1,000	29,500	590,000	0.0	0.0	0.0
		Styrene	8/8	0.0	37.5	62.5	0.0	64	1,100	10,800	215,000	0.0	0.0	0.0
		Toluene	8/8	0.0	0.0	100.0	0.0	72	400	9,400	188,000	0.0	0.0	0.0
	OUT	Benzene	3/3	0.0	100.0	0.0	0.0	10	0.23	160,000	3,190,000	100.0	0.0	0.0
		Tetrachloroethene	1/3	66.7	33.3	0.0	0.0	4.5	0.67	8,500	170,000	33.3	0.0	0.0

**TABLE 20**  
**STATISTICAL SUMMARY OF INDOOR AIR MONITORING DATA**

Parcel	Location (Indoor/Outdoor)	Detected VOCs	Detections/ Results	Concentration Range Frequency (% occurrence by ug/m3 range)				Maximum Detected Concentration (ug/m3)	Screening Criteria (ug/m3)			Screening Criteria Exceedence Frequency (%)		
				ND - 1	>1-10	>10-100	>100		PRG	PEL/20	PEL	PRG	PEL/20	PEL
7351-034-066	OUT	Trichloroethene	1/3	66.7	33.3	0.0	0.0	7	0.017	6,750	135,000	33.3	0.0	0.0
		Ethylbenzene	2/3	33.3	66.7	0.0	0.0	8.2	1.7	21,800	435,000	66.7	0.0	0.0
		1,1,1-Trichloroethane	3/3	0.0	66.7	33.3	0.0	11	2,300	95,000	1,900,000	0.0	0.0	0.0
		Cyclohexane	2/3	33.3	66.7	0.0	0.0	10	21,000	52,500	1,050,000	0.0	0.0	0.0
		Methyl Ethyl Ketone	1/3	66.7	0.0	33.3	0.0	22	1,000	29,500	590,000	0.0	0.0	0.0
		Methylene chloride	0/3	100.0	0.0	0.0	0.0		4.1	4,350	87,000	0.0	0.0	0.0
		Styrene	2/3	33.3	66.7	0.0	0.0	2.3	1,100	10,800	215,000	0.0	0.0	0.0
		Toluene	2/3	33.3	33.3	33.3	0.0	21	400	9,400	188,000	0.0	0.0	0.0
		Xylenes (Total)	3/3	0.0	33.3	66.7	0.0	37	110	21,800	435,000	0.0	0.0	0.0
7351-034-069	IN	Benzene	9/9	0.0	77.8	22.2	0.0	13	0.23	160,000	3,190,000	100.0	0.0	0.0
		Chloroform	1/9	88.9	11.1	0.0	0.0	3	0.35	489	9,780	11.1	0.0	0.0
		Trichloroethene	1/9	88.9	11.1	0.0	0.0	5.3	0.017	6,750	135,000	11.1	0.0	0.0
		Methylene chloride	4/9	55.6	33.3	11.1	0.0	13	4.1	4,350	87,000	22.2	0.0	0.0
		Tetrachloroethene	5/6	16.7	33.3	50.0	0.0	68	0.67	8,500	170,000	83.3	0.0	0.0
		Ethylbenzene	8/9	11.1	88.9	0.0	0.0	8.7	1.7	21,800	435,000	88.9	0.0	0.0
		1,1,1-Trichloroethane	6/6	0.0	33.3	66.7	0.0	21	2,300	95,000	1,900,000	0.0	0.0	0.0
		Cyclohexane	3/9	66.7	22.2	11.1	0.0	38	21,000	52,500	1,050,000	0.0	0.0	0.0
		Methyl Ethyl Ketone	6/9	33.3	22.2	44.4	0.0	41	1,000	29,500	590,000	0.0	0.0	0.0
		Styrene	5/9	44.4	55.6	0.0	0.0	4.7	1,100	10,800	215,000	0.0	0.0	0.0
	OUT	Toluene	9/9	0.0	11.1	88.9	0.0	60	400	9,400	188,000	0.0	0.0	0.0
		Xylenes (Total)	9/9	0.0	22.2	77.8	0.0	42	110	21,800	435,000	0.0	0.0	0.0
		Benzene	3/3	0.0	100.0	0.0	0.0	6.1	0.23	160,000	3,190,000	100.0	0.0	0.0
		Ethylbenzene	3/3	0.0	100.0	0.0	0.0	7.8	1.7	21,800	435,000	100.0	0.0	0.0
		Methylene chloride	1/3	66.7	33.3	0.0	0.0	8.7	4.1	4,350	87,000	33.3	0.0	0.0
		Tetrachloroethene	1/2	50.0	50.0	0.0	0.0	2.3	0.67	8,500	170,000	50.0	0.0	0.0
		1,1,1-Trichloroethane	2/2	0.0	100.0	0.0	0.0	9.8	2,300	95,000	1,900,000	0.0	0.0	0.0
		Chloroform	0/3	100.0	0.0	0.0	0.0		0.35	489	9,780	0.0	0.0	0.0
		Cyclohexane	1/3	66.7	33.3	0.0	0.0	4.1	21,000	52,500	1,050,000	0.0	0.0	0.0
		Methyl Ethyl Ketone	2/3	33.3	66.7	0.0	0.0	9.1	1,000	29,500	590,000	0.0	0.0	0.0
		Styrene	2/3	33.3	66.7	0.0	0.0	2.9	1,100	10,800	215,000	0.0	0.0	0.0
		Toluene	3/3	0.0	0.0	100.0	0.0	30	400	9,400	188,000	0.0	0.0	0.0
		Trichloroethene	0/3	100.0	0.0	0.0	0.0		0.017	6,750	135,000	0.0	0.0	0.0
		Xylenes (Total)	3/3	0.0	0.0	100.0	0.0	36	110	21,800	435,000	0.0	0.0	0.0

**Note:**

PRG = EPA Region IX 2002 Preliminary Remediation Goals

PEL = OSHA Permissible Exposure Limit

**TABLE 21**  
**STATISTICAL SUMMARY OF 2000 WATER TABLE VOC DATA**

Compound	Times Analyzed	Detection Frequency (%)	Concentration Range Frequency (% by ug/l)						Max. Conc. (ug/l)	Screening Criteria (ug/l)	Number/Frequency (%) of Screening Criteria Exceedences
			ND < 1	1 - <10	10 - < 100	100 - < 1,000	1,000 - < 10,000	>10,000			
Benzene	89	58.4	48.3	16.9	7.9	5.6	5.6	15.7	820,000	1	46/51.7
Trichloroethene	92	27.2	75.0	9.8	7.6	4.3	2.2	1.1	31,000	5	17/18.5
Chlorobenzene	92	25.0	75.0	5.4	3.3	3.3	9.8	3.3	25,000	70	16/17.4
cis-1,2-Dichloroethene	89	16.9	85.4	4.5	6.7	1.1	2.2	0.0	3,400	6	10/11.2
Tetrachloroethene	92	22.8	79.3	10.9	3.3	4.3	2.2	0.0	8,700	5	9/9.8
Ethylbenzene	89	30.3	74.2	5.6	1.1	12.4	2.2	4.5	20,000	700	8/9.0
1,2-Dichloroethane	92	4.3	95.7	1.1	2.2	1.1	0.0	0.0	330	0.5	4/4.3
Toluene	89	15.7	85.4	5.6	4.5	1.1	2.2	1.1	20,000	150	4/4.5
1,1-Dichloroethene	92	12.0	93.5	3.3	2.2	1.1	0.0	0.0	450	6	3/3.3
1,4-Dichlorobenzene	108	5.6	96.3	2.8	0.9	0.0	0.0	0.0	89	5	3/2.8
Vinyl chloride	92	3.3	96.7	2.2	1.1	0.0	0.0	0.0	30	0.5	3/3.3
1,1-Dichloroethane	92	5.4	95.7	2.2	2.2	0.0	0.0	0.0	75	5	2/2.2
Chloroform	92	14.1	95.7	2.2	1.1	1.1	0.0	0.0	330	100	1/1.1
Styrene	89	1.1	98.9	0.0	0.0	0.0	1.1	0.0	4,500	100	1/1.1
Xylenes (Total)	89	10.1	91.0	1.1	3.4	2.2	2.2	0.0	4,100	1,750	1/1.1
trans-1,2-Dichloroethene	92	5.4	96.7	2.2	1.1	0.0	0.0	0.0	15	10	1/1.1
1,1,2-Trichloroethane	92	1.1	98.9	1.1	0.0	0.0	0.0	0.0	1.9	5	0/0.0
1,2,4-Trimethylbenzene	89	5.6	95.5	1.1	0.0	2.2	1.1	0.0	1,200	None	Not Applicable
1,2-Dichlorobenzene	108	1.9	99.1	0.9	0.0	0.0	0.0	0.0	1.2	600	0/0.0
1,3,5-Trimethylbenzene	89	2.2	97.8	1.1	0.0	1.1	0.0	0.0	210	None	Not Applicable
1,3-Dichlorobenzene	108	0.9	99.1	0.9	0.0	0.0	0.0	0.0	8.6	None	Not Applicable
Acetone	89	1.1	98.9	1.1	0.0	0.0	0.0	0.0	8.2	None	Not Applicable
Chloroethane	92	1.1	98.9	1.1	0.0	0.0	0.0	0.0	1.1	None	Not Applicable
Dichlorobromomethane	92	1.1	98.9	0.0	1.1	0.0	0.0	0.0	27	100	0/0.0
Freon 11	92	2.2	98.9	1.1	0.0	0.0	0.0	0.0	4.3	150	0/0.0
Freon 12	92	6.5	94.6	5.4	0.0	0.0	0.0	0.0	9.2	None	Not Applicable
Isopropylbenzene	89	16.9	86.5	6.7	5.6	1.1	0.0	0.0	220	None	Not Applicable
Methyl Ethyl Ketone	89	2.2	97.8	0.0	1.1	1.1	0.0	0.0	490	None	Not Applicable
Methyl isobutyl ketone	89	1.1	98.9	1.1	0.0	0.0	0.0	0.0	7.2	None	Not Applicable
Methylene chloride	92	3.3	100.0	0.0	0.0	0.0	0.0	0.0	0.45	5	0/0.0
Naphthalene	92	12.0	89.1	1.1	6.5	3.3	0.0	0.0	320	None	Not Applicable
n-Propylbenzene	89	9.0	92.1	3.4	2.2	2.2	0.0	0.0	190	None	Not Applicable
sec-Butylbenzene	89	15.7	89.9	5.6	3.4	1.1	0.0	0.0	620	None	Not Applicable
tert-Butylbenzene	89	1.1	100.0	0.0	0.0	0.0	0.0	0.0	0.31	None	Not Applicable

**Note:**

Groundwater sample screening criteria are California drinking water maximum contaminant levels.

Bolded compounds were detected at concentrations in excess of screening criteria (MCLs) at one or more locations.

**TABLE 22**  
**SUMMARY OF HYDROCARBON SATURATION DATA**

NAPL Area	Number of Analyses	Range of Values (% pv)	Average Value (% pv)
MW-20 (Source Area 3)	147	0 - 30.0	2.4
Styrene Plancor - VOC Tank Farm (Source Area 6)	19	0 - 2.24	0.41
Butadiene Plancor - Benzene Feedstock Pipeline (Source Area 11)	19	0 - 8.95	0.86
Butadiene Plancor - Laboratory and Pipelines (Source Area 12)	19	0 - 13.69	4

%pv = percent of pore volume

**TABLE 23**  
**SUMMARY OF POTENTIAL NAPL AREAS**

Potential NAPL Type	Compound	Dissolved Concentration Criteria* ( $\mu\text{g/l}$ )	Plant Site Water Table Monitoring Locations Where Criteria Exceeded	Former Rubber Plant Facility / Area
LNAPL	benzene	90,000	SWL0004 et al	Benzene storage tank (MW-20 area of styrene plancor);
			WPL0002	Styrene finishing/benzene purification unit in styrene plancor
			CWL0012	Ethylbenzene production unit #1 in styrene plancor
			PZL0021	Utility tanks in styrene plancor
			PZL0020 et al	Waste Pit Area
			CWL0027 et al	Laboratory/pipelines in butadiene plancor
			XMW-04HD et al	Benzene feedstock pipeline in butadiene plancor
	ethylbenzene	8,000	XMW-21	VOC storage tank farm in styrene plancor
			CWL0012	Ethylbenzene production unit #1 in styrene plancor
			WPL0001, CWL0014	Ethylbenzene produuction unit #2 in styrene plancor
			PZL0020 et al	Waste Pit Area
	1,2,4-trimethylbenzene	2,850	None	None
	acetone	50,000,000	None	None
	chloroform	400,000	None	None
DNAPL	cyclohexane	2,750	None	None
	MIBK	950,000	None	None
	naphthalene	1,500	None	None
	styrene	14,000	None	None
	toluene	23,500	None	None
	xylenes	8,750	CWL0027et al	Laboratory/pipelines in butadiene plancor
	chlorobenzene	5,000	XMW-13	Attributable to offsite source
	PCE	1,500	PZL0016	Attributable to offsite source
	cis-1,2-DCE	175,000	None	None

\* The dissolved concentration criteria used for identification of NAPL as "potentially present" is 5% of saturation for LNAPL components and 1% of saturation for DNAPL components

All VOCs detected at concentrations in excess of 1,000  $\mu\text{g/l}$  at one or more locations are included in the table. As indicated, not all of the listed VOCs were detected in excess of the dissolved concentration criteria